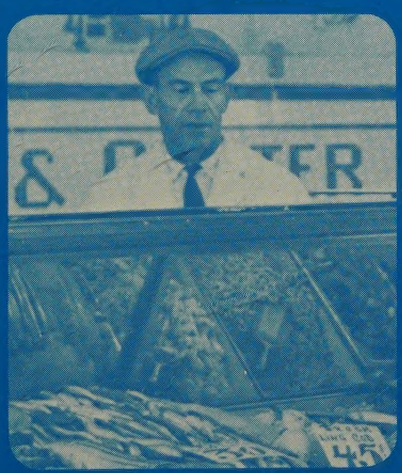
CURRENT FISHERY STATISTICS No.6100

# Fisheries of the United States, 1972

U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
National Marine Fisheries Service



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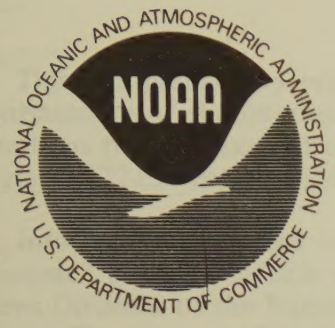


**U.S. DEPARTMENT OF COMMERCE**
Frederick B. Dent, Secretary

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
Robert M. White, Administrator

NATIONAL MARINE FISHERIES SERVICE
Philip M. Roedel, Director

Current Fishery Statistics No.6100

# Fisheries of the United States, 1972

Prepared by
STATISTICS AND MARKET NEWS DIVISION
Hoyt A. Wheeland, Chief

**WASHINGTON,D.C.**
**MARCH 1973**

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# PREFACE

This is a preliminary report on the fisheries of the United States for 1972. The report is a continuation of similar annual reports designed to provide timely answers to frequently asked questions for the year just ended. Final data will be published in Fishery Statistics of the United States, 1972 (Statistical Digest No. 66).

Information presented in this report came from many sources. Data on U.S. landings and processed fishery products were collected and compiled by the Regional Statistics and Market News Divisions of the National Marine Fisheries Service (NMFS) in cooperation with the various States. The data were tabulated and made ready for publication by the Washington office of the Statistics and Market News Division. Sources of other data appearing in this publication are: the U.S. Bureau of the Census, Bureau of Customs, Bureau of Labor Statistics, Coast Guard, Department of Defense, Department of the Interior, and the Food and Agriculture Organization (FAO) of the United Nations.

The NMFS Statistics and Market News Division wants to take this opportunity to thank all those States and members of industry who continually provide the data that make reports such as this one possible. All data appearing in this publication are consistent with the provisions of the Federal Reports Act of 1942.

As in all past issues of this report the units of quantity and value are defined as follows: U.S. or domestic landings are shown in terms of round (live) weight, unless otherwise noted; quantities shown for U.S. imports and exports are in product weight as reported by the Bureau of the Census, unless otherwise noted; the value of the U.S. or domestic catch is exvessel (see Glossary); the value for U.S. imports generally is the market value in the foreign (exporting) country and, therefore, excludes U.S. import duties, freight charges from the foreign country to the United States, and insurance; the value for exports generally is the value at the U.S. port of export, based on the selling price, including inland freight, insurance, and other charges to the U.S. port of export.

In response to suggestions from our readers, we made a few changes in this year's report. We included commercial landings by U.S. craft at ports outside the continental United States and Hawaii (see table on page 18). The tables on the U.S. whale catch and U.S. production of whale products are deleted because the Secretary of Commerce halted commercial whaling in the United States beginning in 1972. Tables on world fisheries are shown for the first time in both metric measure and in pounds. Three tables have been added showing the U.S. supply of edible and industrial fishery products for the years 1960-72. And finally, the number of species has been greatly increased in the tables on indexes of exvessel prices.

Because the Statistics and Market News Division wishes to provide the kinds of data wanted by users of fishery statistics, the Division welcomes any comments or suggestions that will lead to an improvement in the presentation of fishery data. Please address any comments or suggestions to: Chief, Statistics and Market News Division, National Marine Fisheries Service, 3300 Whitehaven Street, NW., Washington, D.C. 20235.

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# REVIEW

In 1972, commercial fishery landings at U.S. ports by U.S. fishermen were 4.7 billion pounds valued at a record $703.6 million at the exvessel level. The quantity landed was 5 percent less than in 1971, but, because of higher exvessel prices, the value was 9 percent greater than in 1971. The 1972 average value per pound of 14.9 cents was a record high.

Landings of edible fishery products amounted to 2.3 billion pounds in 1972, down 4 percent from 1971. U.S. landings of fish for industrial (inedible) uses declined 7 percent in 1972 as compared with 1971.

Total U.S. landings were smaller in 1972 than in 1971, principally because of marked decreases in landings of menhaden and salmon. The 1972 salmon landings were 31 percent less than 1971, and menhaden landings decreased 11 percent. Significant decreases occurred in other species including alewives, Atlantic cod, haddock, Pacific hake, halibut, jack mackerel, whiting, dungeness crabs, and soft clams. Skipjack landings of 46.8 million pounds in 1972 represented a decrease of 59 percent compared with 1971, but total tuna landings of 377.6 million pounds at ports in the United States were 8 percent above 1971 because of increased landings of yellowfin tuna. An additional 146.8 million pounds of tuna were landed by U.S. fishing craft at ports outside the United States, principally in Puerto Rico (see table on page 18). The following species had significant increases in landings in 1972 compared with 1971: anchovies, flounders, sea herring, rockfishes, surf clams, king crabs, and snow crabs.

The domestic shrimp industry was the most valuable fishery in the country. The 1972 catch, valued at a record $193.2 million, accounted for 27 percent of the total U.S. exvessel value for all species. Landings of shrimp in the United States in 1972 were 385.0 million pounds–down 1 percent from 1971.

The value of fishery products processed in this country from both domestic and imported raw materials set a new record in 1972–$2.3 billion, 23 percent above the previous record reached in 1971. The 1972 canned pack of human and animal food of 56.5 million standard cases valued at $989.3 million also set a new record. There also were record packs of tuna and clam products. Production of fish sticks and portions were a record 383.0 million pounds with a record value of $207.9 million, up 45.0 million pounds and $28.0 million from 1971. Both the quantity and value of breaded shrimp production were at record levels in 1972–106.4 million pounds, valued at $139.7 million. Production of industrial fishery products was valued at $156.2 million, a gain of $49.7 million compared with 1971.

Cold storage holdings reached a record high of 419 million pounds at the end of October 1972, and by year end, despite a slight decline, were a record 415 million pounds. Imports of edible fishery products of 2.3 billion pounds valued at $1.2 billion were almost a third greater in quantity and 39 percent greater in value than in 1971 and established new records. The value of nonedible fishery imports increased from $187.1 million in 1971 to $261.1 million in 1972, a gain of 40 percent. Exports of domestic fishery products were valued at $157.9 million in 1972, a gain of 13 percent.

The supply of fishery products improved in 1972 largely because of greater imports. Per capita consumption in 1972 is estimated at 12.2 pounds (edible weight), up 0.8 pounds from 1971.

# REVIEW

## HIGHLIGHTS

RECORDS ESTABLISHED

● LANDINGS IN THE UNITED STATES

Total value — $703.6 million. . . .(previous high, 1971–$643.2 million).

Flounders, Pacific — 52.3 million pounds. . . .(previous high, 1948–51.5 million pounds).

Tuna, yellowfin — 243.9 million pounds. . . .(previous high, 1970–237.4 million pounds).

Lobsters, spiny — 11.2 million pounds. . . .(previous high, 1970–10.3 million pounds).

Crabs, snow — 29.0 million pounds. . . .(previous high, 1970–14.5 million pounds).

Bonito — 22.9 million pounds. . . .(previous high 1967–21.3 million pounds).

● PROCESSED FISHERY PRODUCTS

Canned fishery products — 1.5 billion pounds and $989.3 million. . . .(previous high, 1970–1.3 billion pounds and 1971–$770.6 million).

Canned fishery products for human consumption — 916.4 million pounds and $847.6 million. . . .(previous high, 1971–816.2 million pounds and $666.2 million).

Tuna, canned — 31.1 million standard cases. . . .(previous high, 1971–22.2 million cases).

Fish sticks — $61.2 million. . . .(previous high, 1970–$57.7 million).

Fish portions — 268.7 million pounds and $146.7 million. . . .(previous high, 1971–241.2 million pounds and $123.1 million).

Breaded shrimp — 106.4 million pounds and $139.7 million. . . .(previous high, 1969–105.6 million pounds and 1971–$121.2 million).

Clam chowder and juice, canned — 2.1 million standard cases. . . .(previous high, 1971–2.0 million cases).

Animal (pet) food, canned — 13.5 million standard cases. . . .(previous high, 1971–10.7 million cases).

Industrial products — $156.2 million. . . .(previous high, 1971–$106.6 million).

Tuna and mackerel meal — 43,200 tons and $5.5 million. . . . (previous high, 1971–29,300 tons and 1970–$3.8 million).

## IMPORTS

Total value — $1,494.4 million. . . .(previous high, 1971–$1,074.2 million).

Edible fishery products — 2,341.1 million pounds valued at $1,233.3 million. . . . (previous high, 1971–1,785.5 million pounds valued at $887.1 million).

Nonedible fishery products — $261.1 million. . . .(previous high, 1970–$224.9 million).

Fish blocks and slabs — 355.5 million pounds. . . .(previous high, 1971–311.2 million pounds).

Fillets and steaks, other than groundfish — 171.9 million pounds. . . . (previous high, 1970–136.1 million pounds).

Tuna, albacore, frozen — 263.1 million pounds. . . .(previous high, 1970–205.3 million pounds).

Tuna, other than albacore, frozen — 446.2 million pounds. . . . (previous high, 1971–278.8 million pounds).

Shrimp — 253.1 million pounds (heads-off). . . .(previous high, 1970–245.7 million pounds).

Scallops — 20.8 million pounds. . . .(previous high, 1971–17.4 million pounds).

Sardines, canned — 70.2 million pounds. . . .(previous high, 1968–58.9 million pounds).

Oysters, canned — 19.3 million pounds. . . .(previous high, 1967–15.5 million pounds).

## EXPORTS

Total value — $157.9 million. . . .(previous high, 1971–$139.2 million).

Shrimp, domestic, canned — 8.4 million pounds. . . .(previous high, 1971–8.3 million pounds).

## SUPPLY (Domestic production plus imports)

Groundfish fillets or steaks, and fish blocks — 604.4 million pounds. . . . (previous high, 1971–526.4 million pounds).

Fillets or steaks, other than groundfish — 258.6 million pounds. . . . (previous high, 1970–226.7 million pounds).

Tuna, canned — 673.1 million pounds. . . .(previous high, 1970–509.9 million pounds).

Shrimp — 487.5 million pounds (heads-off). . . .(previous high, 1970–469.9 million pounds).

Lobsters, spiny — 54.2 million pounds. . . .(previous high, 1969–53.7 million pounds).

## OTHER IMPORTANT FACTS

- Menhaden landings of 1.9 billion pounds accounted for 41 percent of total landings of all species in the United States.

- Shrimp was the leading species landed in terms of value of total landings in the United States and second in quantity.

- Tuna was the second most important species landed in the United States in terms of value and third in quantity.

- Louisiana led all the States in volume of landings with 1,071 million pounds–followed by Virginia, 664 million pounds; California, 640 million pounds; and Alaska, 390 million pounds.

- For the second year, California led all States in value of landings, $92 million; followed by Texas, $85 million; Alaska, $81 million; and Louisiana, $72 million.

- San Pedro, Calif., with landings of 452 million pounds valued at $59 million, was the leading commercial fishing port in 1972.

- The 146.8 million pounds of tuna landed in Puerto Rico and American Samoa accounted for four-fifths of the landings by U.S. craft at ports outside the United States. Landings of shrimp and spiny lobsters by U.S. fishing vessels at Central and South American ports accounted for the remainder.

- A permanent moratorium was placed on the taking and importation of any marine mammal or marine mammal product, effective December 21, 1972, under the Marine Mammal Protection Act of 1972. The management of whales, porpoises (dolphins), seals, and sea lions are the responsibility of the Department of Commerce, while all other marine mammals are the responsibility of the Department of the Interior. The Alaska fur seal is exempt from the moratorium. Marine mammals taken incidentally in commercial fishing operations are exempt for 2 years after the date of enactment, October 21, 1972.

## IMPORTANT SPECIES

Shrimp. . . .Landings of 385.0 million pounds of shrimp (heads-on) declined slightly compared with the record 387.9 million pounds taken in 1971. The value, however, was a record $193.2 million–16 percent more than in 1971, the former record year. The Gulf States accounted for 59 percent of the total U.S. shrimp landings and 85 percent of the total value. Texas led all States in both production and value with 97.4 million pounds worth $79.8 million. Louisiana was next with 83.0 million pounds worth $46.9 million.

Landings of 228.5 million pounds along the Gulf Coast were slightly more than in 1971, and the value ($163.4 million) increased 20 percent. Fishermen received record exvessel prices for jumbo and large shrimp until midyear, but after that time prices declined markedly. Record prices for medium and small shrimp held firm during most of the year. The very profitable shrimp fishery in this area continued to attract investments in new trawlers. Many Gulf shipyards at the end of the year had backlogs of orders for these vessels.

Pacific Coast States landings of 106.0 million pounds worth $6.6 million were 28 percent of the volume and 3 percent of the value of the total U.S. shrimp harvest. Alaska led in volume with a near-record 81.3 million pounds, followed by Oregon with a record 20.6 million pounds–an increase of 129 percent compared with 1971. The spectacular increase in Oregon shrimp production was caused principally by an unusually successful 1970 hatch.

In the South Atlantic States, the shrimp fishery declined from 30.6 million pounds worth $20.6 million in 1971 to 25.9 million pounds worth $18.5 million in 1972.

The New England landings of 24.5 million pounds worth $4.6 million were much the same as in the previous year. Compared with 1971, Maine landings of 16.6 million pounds declined moderately because of smaller catches during the peak season from January to April. Massachusetts landings of 7.7 million pounds were 29 percent greater than in 1971. Gloucester has become the leading port for New England shrimp landings, and shrimp has become economically important to fishermen operating out of that port.

U.S. imports of shrimp (including fresh or frozen, canned, and cured) were a record 223.2 million pounds (import weight)–31.9 million more than in 1971. Mexico continued as the leading country exporting shrimp to the United States.

Salmon. . . .Pacific salmon landings of 216.7 million pounds worth $62.8 million declined 95.4 million pounds and $15.0 million compared with 1971. Landings of all species except chum salmon declined sharply. Chum salmon landings of 54.5 million pounds were 5 percent greater than in 1971–the result of a record harvest in Puget Sound.

Alaska landings, which were among the smallest on record, were about 75 percent of the total Pacific salmon production. Landings of silver salmon increased slightly compared with 1971, but all other species declined markedly. Alaska red salmon landings (41.1 million pounds) were less than one-half the 1971 production and the third smallest harvest on record. A poor run of the Bristol Bay red salmon resulted in a pack of only 201,700 cases in that area–compared with 682,340 cases in 1971. Pink salmon landings (55.4 million pounds) declined about 26 percent compared with 1971. Failure of the pink salmon runs at Prince William Sound and in the Kodiak area resulted in a total Alaska pack of only 538,111 cases of pink salmon–compared with 1,074,547 cases in 1971.

The 1972 canned pack of Pacific salmon was 1.8 million cases–49 percent less than in 1971, and one of the smallest packs on record.

Tuna. . . .Landings of tuna in the continental United States and Hawaii were 377.6 million pounds worth a record $89.9 million–an increase of 29.5 million pounds and $14.4 million compared with 1971. Record landings of yellowfin tuna and near-record landings of albacore tuna contributed substantially to the greater harvest. Despite the increased production of albacore, fishermen in the Pacific Northwest received a record price of $680 per ton for the fish. A worldwide shortage of albacore tuna was a contributing factor to the favorable price.

Tuna landings at California ports increased slightly compared with 1971. Composition of the landings was considerably different from the previous year. In 1971, landings of both albacore and skipjack tuna were excellent. In 1972, however, landings of albacore and skipjack declined sharply but landings of bluefin tuna (24.4 million pounds) increased 44 percent and yellowfin tuna (236.6 million) increased 47 percent compared with 1971.

The Inter-American Tropical Tuna Commission set a 1972 quota of 140,000 short tons (the same as in 1971) for the yellowfin tuna fishery in the regulatory area of the eastern tropical Pacific. The season opened January 1 and closed March 5, 1972. It was the seventh consecutive year that this fishery operated under a quota system designed to maintain the yellowfin population at the maximum sustainable harvest. As in 1971, fishermen reached the assigned quota.

The 1972 pack of canned tuna was a record 31.1 million cases–about 8.8 million cases more than in 1971, the former record year. Contributing to the record pack were landings made by U.S. flag vessels in Puerto Rico and foreign ports, which are not included in U.S. landings statistics or in imports of fresh and frozen tuna. In 1972, these landings, together with U.S. landings, totaled 524.4 million pounds of tuna worth $120.6 million. Canned tuna available for consumption in 1972 (U.S. pack from domestic landings plus U.S. pack from imported fresh or frozen tuna plus imported canned) was 673.1 million pounds. About 34 percent of the U.S. supply was packed from domestic landings–compared with 39 percent in 1971.

Crabs. . . .Landings of crabs, all species, were 281.1 million pounds worth $58.6 million–a gain of 2 percent in quantity and 13 percent in value compared with 1971. The greater volume resulted largely from a record harvest of snow crabs and small increases in landings of hard blue crabs and king crabs. The gain in value was caused principally by general increases in exvessel prices for hard blue crabs, king crabs, and snow crabs. A shortage of dungeness crabs, combined with a brisk market for this popular shellfish, caused the average price per pound to increase from 24 cents in 1971 to 44 cents in 1972.

Hard blue crab landings in the Middle Atlantic and Chesapeake States were adversely affected by hurricane Agnes, a tropical storm that devastated parts of the northeastern coastal and inland areas in June 1972. The storm curtailed crab landings by causing loss of gear and fishing effort, but by July and August the fishery had reached its normal production. The 1972 year class of young crabs, however, may be small because the storm came when the crabs were spawning thus affecting the 1972 hatch.

Menhaden. . . .Total landings of menhaden, the leading species used for industrial purposes, were 1.9 billion pounds in 1972, a decrease of 251 million pounds compared to the previous year. Landings of menhaden at Gulf ports were almost 500 million pounds less than the record 1.6 billion pounds landed in 1971. Although landings at Gulf ports declined, landings at Atlantic Coast ports increased by 248 million pounds in 1972.

Production of menhaden meal in 1972 (193,580 tons) decreased by 27,416 tons from the previous year's production of 220,996 tons but accounted for 68 percent of the 1972 fish meal production. Imports of fish meal of 392,000 tons were 38 percent greater than the 283,200 tons imported in 1971 and accounted for 58 percent of the total supply of 677,400 tons.

Production of menhaden oil totaled 167.0 million pounds in 1972, and accounted for 89 percent of the total production. This was 77.0 million pounds less than the record 244.0 million pounds produced in 1971. Menhaden products (meal, oil, and solubles) were valued at $51.1 million to the processors in 1972.

Lobsters. . . .Landings of American (northern) lobsters were 29.3 million pounds worth a record $36.1 million--a decline of 12 percent in volume but a gain of 3 percent in value compared with 1971. Landings in the New England and Middle Atlantic States declined, but in the Chesapeake States, principally in Virginia, they increased moderately. All along the Atlantic coast fishermen turned increasingly to the offshore lobster pot fishery. In Massachusetts this fishery was based in the Cape Cod-Westport area. The spiny lobster harvest was a record 11.2 million pounds worth a record $11.6 million--33 percent more in quantity and 46 percent more in value than in 1971.

Clams. . . .Landings of 89.1 million pounds of clam meats worth a record $31.9 million increased 8 percent in volume and 4 percent in value compared with 1971. The principal reason for the greater volume was a near-record harvest of 63.4 million pounds of surf clam meats worth a record $7.9 million--10.9 million pounds and $1.0 million more than in 1971. Record landings of 23.4 million pounds of surf clams in Virginia were 419 percent greater than in 1971 and contributed substantially to the increase. The commercial surf clam fishery operated in Virginia for the fifth consecutive year. Many vessels from other States began working out of Virginia ports because the clamming was in areas off the Virginia coast. Some of the surf clams taken by these vessels were trucked out of Virginia for processing. As landings increased, however, more processors began operating in Virginia. New Jersey, formerly the leading State in surf clam landings, accounted for 21.3 million pounds--a decline of 26 percent compared with 1971. Together New Jersey and Virginia accounted for 70 percent of the total U.S. surf clam harvest.

Soft clam landings of 8.8 million pounds worth $5.2 million declined 3.1 million pounds and $1.2 million compared with 1971. Maryland, long the leading State in soft clam production, had landings of only 1.9 million pounds--the smallest since 1955. The Maryland soft clam resource was severely depleted in June by an influx of fresh water and high water temperatures, which followed hurricane Agnes. State officials closed the fishery until such time as the resource had recovered from the effects of the hurricane. Landings of hard clam meats were 16.3 million pounds worth $18.5 million--a decline of 5 percent in quantity but an increase of 9 percent in value compared with 1971.

In 1972, the pack of clams and clam products reached a record 2.7 million cases worth $26.0 million. Of this production, 2.1 million cases were chowder and juice–an increase of 2 percent compared with 1971. The pack of whole or minced clams declined from 634,500 cases in 1971 to 624,800 cases in 1972.

Oysters. . . .Landings of 52.5 million pounds of oyster meats worth a record $33.8 million declined 2.0 million pounds but increased $3.4 million in value compared with 1971. Landings increased slightly in the Middle Atlantic, South Atlantic, and Pacific Coast States, but declined in the New England, Chesapeake, and Gulf States. Landings in the Chesapeake States (22.1 million pounds) were 12 percent less than in 1971 and in the Gulf States (17.9 million pounds) they were 8 percent less. The Chesapeake and Gulf States landings comprised 76 percent of the total U.S. oyster harvest.

Flounders. . . .Total U.S. landings of flounders were 168.8 million pounds valued at $28.8 million, an increase of 8 percent in quantity and 30 percent in value. Increased landings of Pacific flounders in California and yellowtail flounders in Massachusetts and Rhode Island were responsible for the increase in the total quantity landed. Landings in Massachusetts and Rhode Island, the leading yellowtail flounder producing States, increased owing to increased catches made in Subarea 6 (Middle Atlantic area) of the Statistical Area of the International Commission for the Northwest Atlantic Fisheries (ICNAF). Catches in Subarea 6 were not subject to catch quotas by ICNAF. Catches in Subarea 5 (New England area) were subject to an international quarterly quota, and the quota was reached in each quarter of the year. By informal agreement, only U.S. fishermen were allowed to fish specifically for yellowtail flounder in 1972.

For 1973, the quotas on yellowtail flounders have been assigned on a national basis. The total 1973 quota for the United States is 53.1 million pounds for Subareas 3 (Greenland area), 4 (Nova Scotia area), and 5. Subarea 6 remains free of quota for yellowtail flounders. American plaice has been placed under a quota in 1973, and the U.S. quota is 220.5 thousand pounds (Subarea 3). An ICNAF quota is also proposed for flounders, other than yellowtail, in Subareas 5 and 6 for 1973; the U.S. share of this quota is 47.8 million pounds.

Groundfish. . . .The Atlantic and Pacific fishery for groundfish (Atlantic and Pacific cod, cusk, haddock, white hake, pollock, and Atlantic ocean perch) yielded 148.8 million pounds valued at $18.1 million–down 6 percent in quantity but up 8 percent in value compared to 1971.

Landings of the leading groundfish species declined in 1972: Atlantic cod landings were 46.3 million pounds, down 12 percent compared to 1971; haddock landings were 11.7 million pounds, down 46 percent; and Atlantic ocean perch landings were 58.8 million pounds, down 2 percent. Landings of the less important groundfish species increased: Pacific cod landings were 10.4 million pounds, up 61 percent compared to 1971; pollock landings were 12.8 million pounds, up 18 percent; and white hake landings were 6.6 million pounds, up 16 percent. In 1972, haddock was the only Atlantic groundfish subject to a catch quota by the International Commission for the Northwest Atlantic Fisheries (ICNAF). The total quota of 41.9 million pounds for Subarea 4 (Nova Scotia area) and Subarea 5

(New England area) was an international quota in which the United States and Canada, by informal agreement, were the only countries allowed to fish specifically for haddock. The ICNAF quota for haddock for 1973 is the same as that for 1972, and the informal agreement, mentioned previously, remains in effect. For 1973, ICNAF quotas have been proposed or are in effect for additional groundfish species. For the United States, these quotas are as follows: cod, 66.2 million pounds (Subarea 5 and Subarea 6--Middle Atlantic area); Atlantic ocean perch, 54.1 million pounds (Subareas 5 and 6); and pollock, 24.9 million pounds (Subareas 5 and 6).

The U.S. quotas for other species, proposed or in effect, in 1973 are as follows: American plaice and other flounders (see "Flounders"); mackerel, 57.8 million pounds (Subareas 5 and 6); red hake, 33.1 million pounds (Subarea 5ZW--south of New England); sea herring, 55.1 million pounds (see "Herring, sea"); and whiting (silver hake), 113.5 million pounds (Subarea 5).

Herring, sea. . . .Total landings of sea herring were 102.0 million pounds valued at $3.5 million in 1972, up 17 percent in quantity and 85 percent in value compared to 1971. Landings of both Atlantic and Pacific sea herring increased in quantity and value. Landings of Atlantic sea herring comprised the bulk of total sea herring landings. The increase in value of Atlantic sea herring landings was due to an increase in the use of sea herring for food purposes, principally for canning and for frozen fillets for export to Europe. The use for reduction to fish meal and oil was correspondingly less.

The U.S. catch of Atlantic sea herring beyond the 3-mile limit was subject to a quota of 55.1 million pounds in Subareas 5Y (Gulf of Maine) and 5Z (Georges Bank) under regulations of the International Commission for the Northwest Atlantic Fisheries (ICNAF). According to preliminary figures, U.S. fishermen caught about 90 percent of this quota. The proposed 1973 ICNAF quota for the United States again will be 55.1 million pounds for Subareas 5X and 5Z. The U.S. catch within 3 miles of shore, which is not subject to quota, was 43.1 million pounds in 1972 compared to 28.5 million pounds in 1971. Inshore landings consisted largely of 2-year-old fish used for canning sardines. Inshore landings increased in 1972, primarily because of the abundance of 1970 year class fish, the largest year class since the 1966 year class.

Scallops. . . .Total scallop landings were 8.8 million pounds valued at $14.3 million--down 5 percent in quantity but up 18 percent in value. The decline was attributable to a drop in landings of bay and calico scallops which more than offset a 12-percent increase in sea scallop landings. Landings of sea scallops rose in Alaska, Maine, New Jersey, and Virginia, but declined in Massachusetts, the principal producing State. At New Bedford, Mass., the nation's leading scallop port, the average exvessel price in 1972 was $2.00 per pound compared to $1.48 per pound in 1971.

Halibut. . . .Landings by the combined United States and Canadian halibut fleet were 41.5 million pounds (dressed weight)--11 percent less than in 1971. Landings were the smallest since 1918 when the fishery yielded 38 million pounds. For the fifth consecutive year, Canadian fishermen landed more halibut (52 percent of the production) than the United States fishermen.

Alaska landings were about 86 percent of the total U.S. harvest--continuing the trend toward increased landings in Alaska ports. In 1972, fishermen received record exvessel prices for halibut--averaging about 65 cents per pound (dressed weight) compared with 32 cents per pound in 1971.

## PROCESSED FISHERY PRODUCTS

Canned fishery products. . . .The 1972 pack of canned fishery products in the United States, American Samoa, and Puerto Rico was a record both in quantity and value at 56.5 million standard cases (1.6 billion pounds) with a value of $989.3 million to the canning companies. Compared with 1971, this was an increase of about 10.5 million cases (236.4 million pounds) and $218.7 million. There were record packs of tuna, animal (pet) food, and clam chowder and larger packs of Maine sardines, tunalike fishes, and shrimp. The canned packs of salmon, mackerel, alewives, crab meat, and fish roe and caviar, however, were less than in 1971.

The pack for human consumption (916.4 million pounds) was 100.1 million pounds more than in 1971, while the amount packed for bait and animal (pet) food increased 136.3 million pounds. Five items--salmon, tuna, shrimp, clam products, and animal (pet) food--accounted for 93 percent of the total value of all canned fishery products. The pack of animal (pet) food containing less than 10 pounds of fish per standard case was 3.6 million standard cases valued at $22.4 million; these data are not included in statistics on the total U.S. production of canned fishery products.

Salmon. Pacific salmon landings during 1972 of 216.7 million pounds valued at $62.8 million were down 95.4 million pounds and $15.0 million. The 1972 pack of canned salmon of approximately 1.8 million cases was down about 1.7 million cases, or 49 percent, from 1971 and was among the lowest packs in this century. Major developments during the 1972 season were: The Bristol Bay red salmon pack was 201,700 cases, only 30 percent of the 1971 pack and the lowest since 1900. The Alaska pink salmon pack of only 538,111 cases was 40 percent of the 1970 cycle year pack of 1,328,532 cases and the second smallest pack this century. As a result of near-record low Alaska pink and red salmon packs, the producers raised their wholesale prices for these items by about $7 and $10 per case, respectively.

Tuna. The 1972 pack of tuna, 31.1 million standard cases (616.6 million pounds) valued at $632.5 million, set new records both in quantity and value. The pack exceeded that in 1971 by 8.8 million standard cases and more than $219 million. Production in all regions increased by significant amounts. The Pacific Coast led in production with 48 percent of the total, followed by Puerto Rico with 37 percent; American Samoa, Hawaii, and Maryland packed the remainder.

The United States imported a record 764.8 million pounds of tuna (round weight), including foreign landings at American Samoa, in 1972 compared with 506.6 million pounds in 1971. In 1972, U.S. packers produced 92 percent of the total supply of canned tuna.

Sardines. The 1972 pack of sardines (sea herring) totaled 1.6 million standard cases (36.6 million pounds) valued at $23.9 million. Compared with 1971, this was an increase of 612,000 cases and $13.0 million in value.

Shrimp. The 1972 pack of shrimp was 3.5 million standard cases, 215,000 more than the pack in 1971 but 197,000 less than the record pack in 1970. The value of the pack ($41.8 million) exceeded the previous year's value by $8.2 million. Canned production in Louisiana and Mississippi was 2.2 million standard cases, while Washington, Oregon, and Alaska produced 1.3 million cases.

Clams. The pack of clams and clam products was a record volume for 1972. Over 2.7 million standard cases valued at $26.0 million were produced. The pack of whole and minced clams (624,776 standard cases valued at $8.4 million) was 9,675 cases and $1.4 million less than 1971. However, the production of chowder and juice (2.1 million cases) was 36,251 cases and $1.1 million greater than in 1971.

Industrial fishery products. . . .The 1972 production of industrial fishery products in the United States, American Samoa, and Puerto Rico was $156.2 million--an increase of $49.7 million compared with 1971. Most of this increase was attributable to a sharp increase in the value of miscellaneous industrial fishery products. In terms of value, the leading producing State was California ($78 million), followed by Louisiana ($26 million) and Virginia ($16 million).

Marine animal scrap and meal. The 1972 production of 285,486 tons declined more than 7,000 tons compared with the 1971 production of 292,812 tons, but was still the second highest recorded since 1962. Menhaden meal (193,580 tons) accounted for 68 percent of the total meal production. Landings of menhaden used for reduction at Gulf ports were almost 500 million pounds less than the record 1.6 billion pounds landed in 1971. Although landings at Gulf ports declined, landings at Atlantic Coast ports increased by 220.3 million pounds in 1972.

Imports of fish meal in 1972 were 392,000 tons, 38 percent greater than the 283,200 tons imported in 1971, and accounted for 58 percent of the total supply.

The total supply of fish meal (imports plus domestic production) for use in this country in 1972 was 677,400 tons.

Marine animal oil. The domestic production of marine animal oils was 188.4 million pounds, 77.0 million pounds less than the 265.4 million pounds produced in 1971. Menhaden oil totaled 167.0 million pounds in 1972 and accounted for 89 percent of total production. U.S. exports of domestic fish oils were 193.2 million pounds in 1972–down 36.7 million pounds from 1971.

Fish solubles. The 1972 production of fish solubles was 134,404 tons, 21 percent above the 1971 production of 111,188 tons. Menhaden solubles comprised 104,086 tons of the total in 1972.

Other industrial products. Oyster shell products were valued at $4.2 million in 1972 compared with $4.1 million in 1971. Other industrial items produced in 1972 included agar-agar, animal feeds, crab and clam shells processed for serving food, fish feed pellets, Irish moss extracts, kelp products, leather products, liquid fertilizer, mussel shell novelties, and pearl essence. These items were valued at $84.6 million in 1972 compared with $32.0 million in 1971–an increase of $52.6 million. A marked increase in the value of kelp products was responsible for most of this increase in the total value of miscellaneous industrial products.

Fish fillets and steaks. . . .In 1972, the production of uncooked fresh or frozen fillets and steaks, exclusive of Hawaii and Alaska, was 122.5 million pounds valued at $88.2 million to the processors. Compared with 1971, this was a decrease of 5.9 million pounds but an increase of $12.8 million. Total production of groundfish fillets and steaks (cod, cusk, haddock, hake, pollock, and Atlantic ocean perch) was 35.7 million pounds in 1972 compared with 43.8 million pounds in 1971. An estimated 331.0 million pounds of whole fish were required for the U.S. production of fish fillets and steaks.

Fish sticks and portions. . . .The 1972 production was a record 383.0 million pounds–an increase of 45.0 million pounds compared with 1971, and 32.8 million pounds more than the previous record of 350.2 million pounds in 1970. The value surpassed the $200 million level, reaching a record $207.9 million in 1972. Although fish stick production (114.3 million pounds) was slightly less than the record 115.9 million produced in 1970, the production of fish portions set a new record of 268.7 million pounds, 28.5 million pounds more than the 1971 production of 240.2 million pounds.

Breaded shrimp. . . .The 1972 production of breaded shrimp reached a record 106.4 million pounds with a record value of $139.7 million–an increase of 1.8 million pounds and $18.5 million compared with 1971.

Frozen fishery trade. . . .Freezings of fish and shellfish during 1972 totaled 369 million pounds--an increase of 7 million pounds compared to 1971. It is estimated that a catch of 571 million pounds (live weight) of fish and shellfish was required for the 1972 freezings.

Holdings of frozen fish and shellfish reached a record of 419 million pounds on October 31, 1972. Record holdings during the year were recorded for blocks and slabs (104 million pounds on September 30), cod fillets (18 million pounds on October 31), fish sticks and portions (34 million pounds on December 31), lobsters (10 million pounds on October 31), and shrimp (98 million pounds on November 30).

In cooperation with the Department of Agriculture's Statistical Reporting Service, the National Marine Fisheries Service surveyed cold storage firms handling fishery products. In September 1972, as a result of that survey, the number of firms reporting freezings and holdings to the National Marine Fisheries Service increased from 285 to 340.

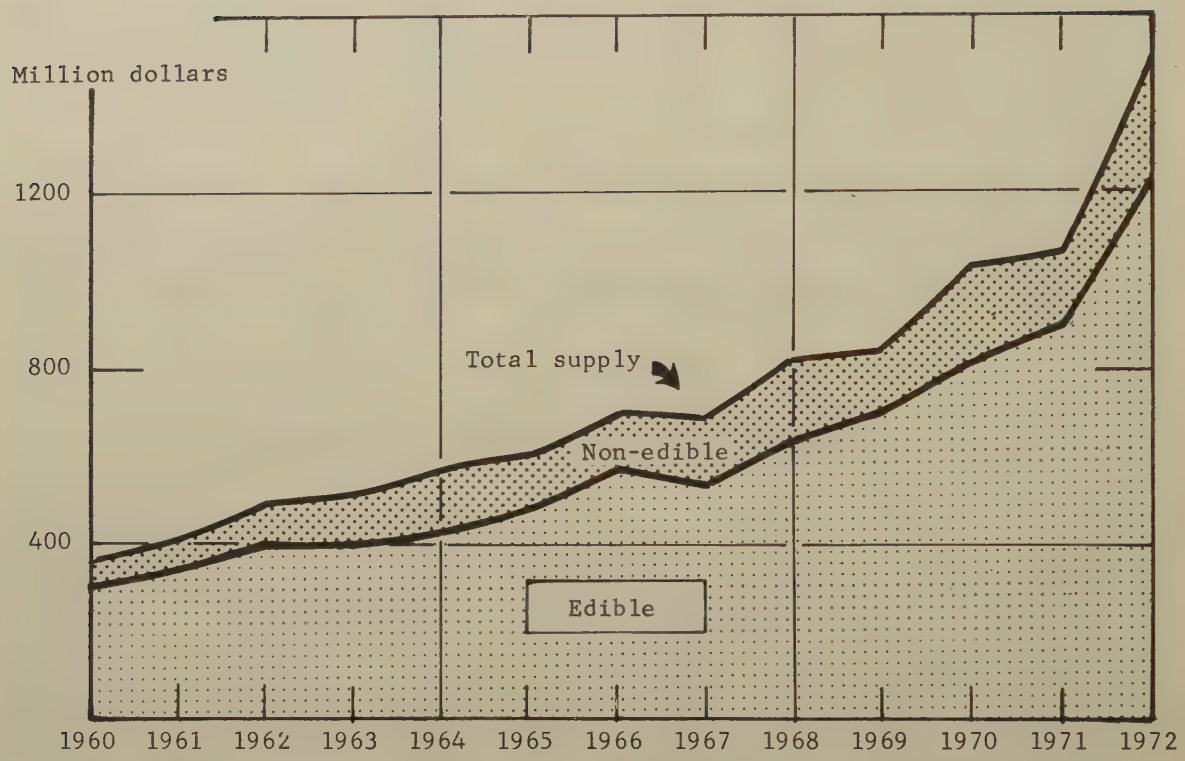
## FOREIGN TRADE IN FISHERY PRODUCTS

Foreign trade in fishery products. . . .Total U.S. imports of edible and nonedible fishery products were valued at a record $1,494 million in 1972, a gain of $420 million or 39 percent over 1971. The value of edible imports increased to a record $1,233 million in 1972 as compared with the previous record of $887 million in 1971, a gain of 39 percent. The quantity of imported edible products increased to 2,341 million pounds–up 31 percent from 1971. The value of nonedible imports rose from $187.1 million in 1971 to $261.1 million in 1972, an increase of 40 percent. New records were set in 1972 for imports of fresh and frozen fillets (other than groundfish), blocks and slabs, fresh and frozen tuna, scallops, and shrimp products. Imports in 1972 increased for fillets or steaks of a number of species including flatfish (flounders), groundfish, and halibut. There were also increases in canned sardines (in oil and not in oil), bonito and yellowtail (in oil and not in oil), and canned oysters. Imports declined, however, for fresh and frozen halibut (other than halibut fillets or steaks), canned lobster, and canned crab meat. Imports of fish meal and fish solubles were up in 1972 as compared with 1971, but imports of sperm whale oil were down sharply owing to the almost complete U.S. embargo on imports of whale products.

Total domestic exports were valued at a record $157.9 million in 1972–up 13 percent over 1971. Exports of edible products were 171.6 million pounds valued at $134.2 million in 1972–down less than 1 percent in quantity but up 18 percent in value over 1971. Exports of nonedible products were valued at $23.7 million, a decrease of 7 percent.

Compared with 1971, exports of edible domestic products declined largely because of decreased exports of fresh and frozen shrimp and various species of fresh and frozen fish. Exports of nonedible products decreased largely because of decreased exports of fish and marine oil and whale and sperm oil.

VALUE OF IMPORTS OF FISHERY PRODUCTS, 1960-72



U.S. COMMERCIAL LANDINGS BY SPECIES, 1971 AND 1972[1/]

| Species | 1971 | | 1972 | | 5-year average 1967-71 |
|---|---|---|---|---|---|
| Fish | Thousand pounds | Thousand dollars | Thousand pounds | Thousand dollars | Thousand pounds |
| Alewives: | | | | | |
| Atlantic and Gulf | 29,351 | 577 | 27,814 | 601 | 53,450 |
| Great Lakes | 30,276 | 303 | 27,961 | 238 | 32,415 |
| Anchovies | 88,003 | 969 | 149,071 | 1,763 | 103,530 |
| Bluefish | 6,758 | 811 | 7,154 | 833 | 5,924 |
| Bonito | 20,038 | 1,852 | 22,855 | 1,721 | 16,623 |
| Butterfish | 3,568 | 617 | 1,620 | 395 | 4,287 |
| Cod: | | | | | |
| Atlantic | 52,824 | 6,345 | 46,254 | 7,887 | 51,434 |
| Pacific | 6,472 | 455 | 10,390 | 779 | 5,646 |
| Croaker | 12,102 | 1,422 | 16,780 | 1,838 | 6,894 |
| Cusk | 1,776 | 157 | 2,170 | 215 | 1,454 |
| Flounders: | | | | | |
| Atlantic and Gulf: | | | | | |
| Blackback | 22,551 | 3,207 | 20,296 | 4,364 | 23,016 |
| Fluke | 5,236 | 1,796 | 5,445 | 2,062 | 5,970 |
| Yellowtail | 62,807 | 9,003 | 72,186 | 12,603 | 66,742 |
| Other | 21,671 | 4,250 | 18,555 | 4,370 | 4,334 |
| Pacific | 44,285 | 3,935 | 52,285 | 5,363 | 45,638 |
| Total | 156,550 | 22,191 | 168,767 | 28,762 | 145,700 |
| Groupers | 7,508 | 1,534 | 7,634 | 1,983 | 7,941 |
| Haddock | 21,599 | 5,620 | 11,721 | 4,291 | 52,685 |
| Hake: | | | | | |
| Pacific | 10,691 | 107 | 4,189 | 42 | 13,296 |
| Red | 2,168 | 109 | 2,871 | 162 | 1,775 |
| White | 5,730 | 347 | 6,642 | 524 | 3,693 |
| Halibut | 28,651 | 6,709 | 26,834 | 13,153 | 32,481 |
| Herring, sea: | | | | | |
| Atlantic | 75,974 | 1,485 | 88,518 | 2,311 | 74,794 |
| Pacific | 11,463 | 384 | 13,448 | 1,150 | 15,723 |
| Jack mackerel | 59,099 | 2,360 | 52,800 | 2,217 | 50,692 |
| Mackerel: | | | | | |
| Atlantic | 5,448 | 272 | 4,587 | 361 | 7,700 |
| Pacific | 151 | 8 | 70 | 3 | 1,486 |
| Menhaden: | | | | | |
| Atlantic | 583,195 | 9,821 | 831,643 | 13,153 | 523,382 |
| Gulf | 1,606,878 | 26,186 | 1,107,124 | 18,061 | 1,098,998 |
| Total | 2,190,073 | 36,007 | 1,938,767 | 31,214 | 1,622,380 |
| Mullet | 28,787 | 2,604 | 32,848 | 2,787 | 31,935 |
| Ocean perch: | | | | | |
| Atlantic | 59,852 | 3,047 | 58,791 | 3,289 | 60,738 |
| Pacific | 10,843 | 704 | 9,752 | 591 | 13,659 |
| Pollock | 10,847 | 828 | 12,796 | 1,139 | 8,899 |
| Rockfishes | 24,674 | 1,524 | 30,539 | 1,912 | 26,565 |
| Salmon, Pacific: | | | | | |
| Chinook or king | 31,770 | 16,362 | 28,254 | 16,364 | 28,700 |
| Chum or keta | 52,153 | 6,821 | 54,514 | 10,252 | 46,058 |
| Pink | 87,334 | 12,034 | 55,414 | 8,903 | 103,501 |
| Red or sockeye | 104,314 | 30,644 | 48,218 | 14,582 | 93,111 |
| Silver or coho | 36,500 | 11,937 | 30,285 | 12,657 | 36,447 |
| Total | 312,071 | 77,798 | 216,685 | 62,758 | 307,817 |

See footnotes at end of table.

(Continued on next page)

# U.S. LANDINGS

U.S. COMMERCIAL LANDINGS BY SPECIES, 1971 AND 1972 1/ - Continued

| Species | 1971 | | 1972 | | 5-year average 1967-71 |
|---|---|---|---|---|---|
| | Thousand pounds | Thousand dollars | Thousand pounds | Thousand dollars | Thousand pounds |
| Sardine, Pacific | 206 | 46 | 294 | 71 | 206 |
| Scup or porgy | 8,938 | 2,095 | 8,187 | 1,889 | 13,049 |
| Sea bass: | | | | | |
| Black | 2,821 | 707 | 3,146 | 940 | 4,266 |
| White | 988 | 347 | 800 | 280 | 1,055 |
| Sea trout: | | | | | |
| Gray | 11,156 | 1,051 | 15,840 | 1,412 | 6,199 |
| Spotted | 5,981 | 1,755 | 6,392 | 1,967 | 6,026 |
| White | 1,554 | 104 | 1,457 | 106 | 1,097 |
| Sharks | 673 | 58 | 685 | 70 | 1,819 |
| Snapper: | | | | | |
| Red | 8,785 | 4,318 | 8,572 | 4,938 | 10,609 |
| Other | 2,123 | 853 | 2,639 | 1,225 | 2,141 |
| Striped bass | 8,077 | 2,250 | 8,943 | 2,466 | 10,667 |
| Tuna: | | | | | |
| Albacore | 44,861 | 14,062 | 58,171 | 19,701 | 50,682 |
| Bluefin | 22,224 | 4,306 | 28,643 | 6,417 | 18,055 |
| Little | 22 | 5 | 33 | 6 | 90 |
| Skipjack | 115,280 | 21,753 | 46,820 | 9,576 | 87,916 |
| Yellowfin | 165,165 | 34,951 | 243,902 | 54,233 | 180,885 |
| Unclassified | 488 | 439 | - | - | 103 |
| Total | 348,040 | 75,516 | 377,569 | 89,933 | 337,731 |
| Warsaw | 239 | 34 | 190 | 29 | 209 |
| Whiting | 33,201 | 2,106 | 26,711 | 2,382 | 54,347 |
| Wolffish | 601 | 42 | 673 | 45 | 543 |
| Other fish | 347,262 | 32,349 | 352,623 | 34,845 | - |
| Total fish | 4,053,992 | 300,777 | 3,815,049 | 317,517 | - |
| Shellfish et al. | | | | | |
| Clams: | | | | | |
| Hard | 17,216 | 17,025 | 16,336 | 18,501 | 16,206 |
| Soft | 11,829 | 6,467 | 8,769 | 5,252 | 11,680 |
| Surf | 52,552 | 6,905 | 63,441 | 7,931 | 51,010 |
| Other | 1,062 | 143 | 554 | 175 | 1,374 |
| Total | 82,659 | 30,540 | 89,100 | 31,859 | 80,270 |
| Crabs: | | | | | |
| Blue, hard | 145,125 | 12,459 | 145,356 | 14,194 | 136,288 |
| Dungeness | 42,679 | 10,447 | 26,917 | 11,871 | 48,330 |
| King | 70,365 | 24,683 | 74,010 | 25,896 | 77,982 |
| Snow | 12,710 | 1,779 | 28,994 | 4,056 | 8,351 |
| Other | 5,495 | 2,288 | 5,800 | 2,593 | 6,574 |
| Total | 276,374 | 51,656 | 281,077 | 58,610 | 277,525 |
| Lobsters: | | | | | |
| American (northern) | 33,347 | 35,066 | 29,278 | 36,052 | 32,118 |
| Spiny | 8,439 | 7,907 | 11,199 | 11,582 | 7,982 |
| Oysters | 54,585 | 30,426 | 52,546 | 33,819 | 56,446 |
| Scallops: | | | | | |
| Bay | 1,455 | 2,428 | 479 | 786 | 1,574 |
| Calico | 1,566 | 783 | 1,342 | 843 | 1,019 |
| Sea | 6,264 | 8,829 | 6,995 | 12,625 | 9,386 |

See footnotes at end of table. (Continued on next page)

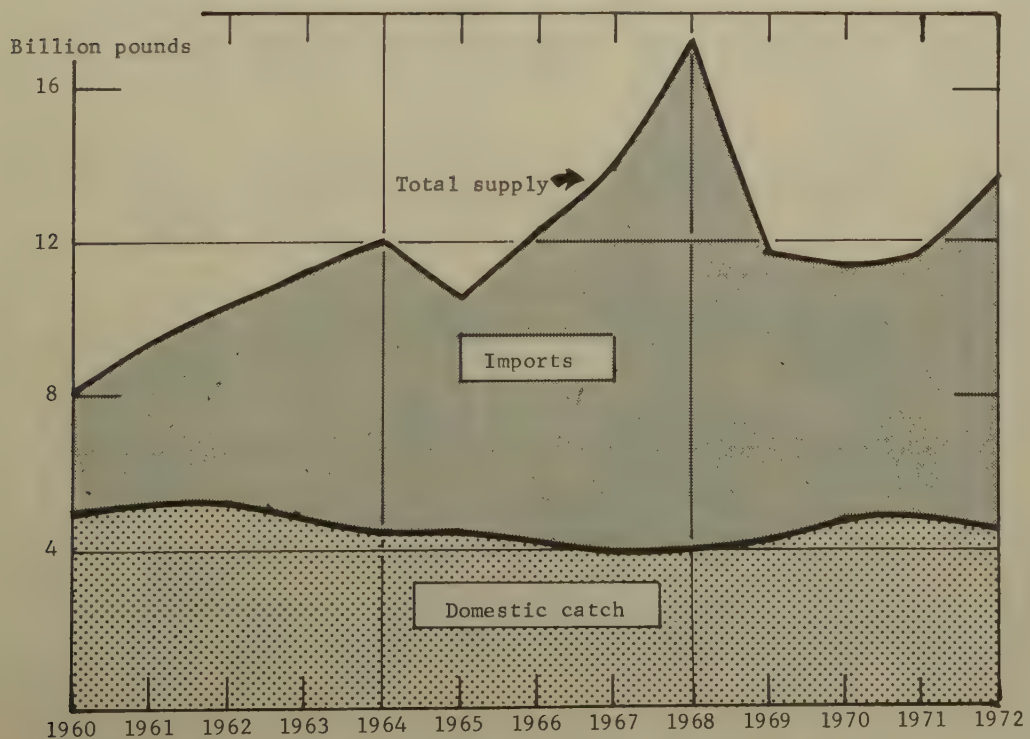
U.S. COMMERCIAL LANDINGS BY SPECIES, 1971 AND 1972[1/] - Continued

| Species | 1971 | | 1972 | | 5-year average 1967-71 |
|---|---|---|---|---|---|
| | Thousand pounds | Thousand dollars | Thousand pounds | Thousand dollars | Thousand pounds |
| Shrimp: | | | | | |
| New England | 24,684 | 4,650 | 24,526 | 4,598 | 19,608 |
| South Atlantic | 30,647 | 20,615 | 25,905 | 18,528 | 24,689 |
| Gulf | 227,083 | 136,017 | 228,488 | 163,417 | 217,548 |
| Pacific | 105,515 | 5,324 | 106,031 | 6,644 | 74,354 |
| Other | 3 | 4 | 2 | 1 | 3 |
| Total | 387,932 | 166,610 | 384,952 | 193,188 | 336,202 |
| Squid | 37,523 | 827 | 23,149 | 985 | 28,161 |
| Other shellfish et al. | 25,264 | 7,351 | 15,234 | 5,734 | - |
| Total shellfish et al. | 915,408 | 342,423 | 895,351 | 386,083 | - |
| Grand total | 4,969,400 | 643,200 | 4,710,400 | 703,600 | - |

1/ Statistics on landings are shown in round (live) weight of all items except univalve and bivalve mollusks such as clams, oysters, and scallops, which are shown in weight of meats, excluding the shell.

Note:--Does not include landings by U.S. flag vessels at Puerto Rico or other ports outside continental United States and Hawaii. Does not include production of artificially cultivated fish and shellfish. Data are preliminary.

TOTAL U.S. SUPPLY OF FISHERY PRODUCTS, 1960-72
(Round weight basis)



LANDINGS OF FISH AND SHELLFISH BY U.S. FISHING CRAFT: BY SPECIES, BY DISTANCE CAUGHT OFF U.S. SHORES, AND CAUGHT IN INTERNATIONAL WATERS OFF FOREIGN SHORES, 1972 1/

| Species | Distance caught off U.S. shores | | | | | | Caught in international waters off foreign shores | | Total | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 0 to 3 miles | | 3 to 12 miles | | Greater than 12 miles | | | | | |
| Fish | Thousand pounds | Thousand dollars | Thousand pounds | Thousand dollars | Thousand pounds | Thousand dollars | Thousand pounds | Thousand dollars | Thousand pounds | Thousand dollars |
| Alewives: | | | | | | | | | | |
| Atlantic and Gulf | 27,814 | 601 | - | - | - | - | - | - | 27,814 | 601 |
| Great Lakes | 6,990 | 60 | 11,185 | 95 | 9,786 | 83 | - | - | 27,961 | 238 |
| Anchovies | 4,735 | 89 | 137,491 | 1,595 | 6,845 | 79 | - | - | 149,071 | 1,763 |
| Bluefish | 5,749 | 633 | 1,179 | 171 | 226 | 29 | - | - | 7,154 | 833 |
| Bonito | 6,515 | 496 | 5,182 | 389 | 144 | 10 | 11,014 | 826 | 22,855 | 1,721 |
| Butterfish | 805 | 197 | 315 | 72 | 500 | 126 | - | - | 1,620 | 395 |
| Cod: | | | | | | | | | | |
| Atlantic | 2,697 | 320 | 15,015 | 2,337 | 28,378 | 5,202 | 164 | 28 | 46,254 | 7,887 |
| Pacific | 1,869 | 143 | 2,201 | 166 | 5,232 | 388 | 1,088 | 82 | 10,390 | 779 |
| Croaker | 5,586 | 476 | 10,791 | 1,311 | 403 | 51 | - | - | 16,780 | 1,838 |
| Cusk | 180 | 17 | 776 | 76 | 1,210 | 122 | 4 | (2) | 2,170 | 215 |
| Flounders: | | | | | | | | | | |
| Atlantic and Gulf | | | | | | | | | | |
| Blackback | 2,820 | 453 | 5,401 | 933 | 12,072 | 2,977 | 3 | 1 | 20,296 | 4,364 |
| Fluke | 1,116 | 400 | 2,786 | 1,032 | 1,543 | 630 | - | - | 5,445 | 2,062 |
| Yellowtail | 5,350 | 598 | 7,129 | 1,072 | 59,705 | 10,933 | 2 | (2) | 72,186 | 12,603 |
| Other | 6,034 | 1,600 | 3,816 | 779 | 8,676 | 1,984 | 29 | 7 | 18,555 | 4,370 |
| Pacific | 3,860 | 398 | 21,765 | 2,318 | 24,533 | 2,413 | 2,127 | 234 | 52,285 | 5,363 |
| Total | 19,180 | 3,449 | 40,897 | 6,134 | 106,529 | 18,937 | 2,161 | 242 | 168,767 | 28,762 |
| Groupers | 277 | 75 | 1,285 | 337 | 5,649 | 1,473 | 423 | 98 | 7,634 | 1,983 |
| Haddock | 158 | 49 | 1,416 | 538 | 10,005 | 3,659 | 142 | 45 | 11,721 | 4,291 |
| Hake: | | | | | | | | | | |
| Pacific | 4,183 | 42 | 1 | (2) | 5 | (2) | - | - | 4,189 | 42 |
| Red | 523 | 31 | 1,508 | 80 | 840 | 51 | - | - | 2,871 | 162 |
| White | 1,302 | 71 | 1,904 | 132 | 3,424 | 320 | 12 | 1 | 6,642 | 524 |
| Halibut | 2,950 | 1,437 | 6,332 | 3,122 | 17,506 | 8,573 | 46 | 21 | 26,834 | 13,153 |
| Herring, sea: | | | | | | | | | | |
| Atlantic | 55,085 | 1,639 | 29,039 | 569 | 4,394 | 103 | - | - | 88,518 | 2,311 |
| Pacific | 13,448 | 1,150 | - | - | - | - | - | - | 13,448 | 1,150 |
| Jack mackerel | 12,672 | 532 | 16,474 | 692 | 23,654 | 993 | - | - | 52,800 | 2,217 |
| Mackerel: | | | | | | | | | | |
| Atlantic | 2,107 | 191 | 1,455 | 78 | 1,025 | 92 | - | - | 4,587 | 361 |
| Pacific | 25 | 1 | 42 | 2 | 3 | (2) | - | - | 70 | 3 |

See footnotes at end of table.

(Continued on next page)

LANDINGS OF FISH AND SHELLFISH BY U.S. FISHING CRAFT: BY SPECIES, BY DISTANCE CAUGHT OFF U.S. SHORES, AND CAUGHT IN INTERNATIONAL WATERS OFF FOREIGN SHORES, 1972 [1/] - Continued

| Species | Distance caught off U.S. shores | | | | | | Caught in international waters off foreign shores | | Total | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 0 to 3 miles | | 3 to 12 miles | | Greater than 12 miles | | | | | |
| Fish | Thousand pounds | Thousand dollars | Thousand pounds | Thousand dollars | Thousand pounds | Thousand dollars | Thousand pounds | Thousand dollars | Thousand pounds | Thousand dollars |
| Menhaden: | | | | | | | | | | |
| Atlantic | 686,367 | 11,076 | 145,249 | 2,077 | 27 | (2) | - | - | 831,643 | 13,153 |
| Gulf | 921,473 | 15,036 | 179,237 | 2,920 | 6,414 | 105 | - | - | 1,107,124 | 18,061 |
| Total | 1,607,840 | 26,112 | 324,486 | 4,997 | 6,441 | 105 | - | - | 1,938,767 | 31,214 |
| Mullet | 31,848 | 2,700 | 1,000 | 87 | - | - | - | - | 32,848 | 2,787 |
| Ocean perch: | | | | | | | | | | |
| Atlantic | 208 | 11 | 673 | 36 | 56,427 | 3,173 | 1,483 | 69 | 58,791 | 3,289 |
| Pacific | - | - | 417 | 25 | 2,773 | 172 | 6,562 | 394 | 9,752 | 591 |
| Pollock | 401 | 18 | 3,843 | 240 | 8,256 | 852 | 296 | 29 | 12,796 | 1,139 |
| Rockfishes | 1,425 | 92 | 13,668 | 839 | 13,276 | 820 | 2,170 | 161 | 30,539 | 1,912 |
| Salmon: | | | | | | | | | | |
| Chinook or king | 19,562 | 10,829 | 6,085 | 3,883 | 2,486 | 1,561 | 121 | 91 | 28,254 | 16,364 |
| Chum or keta | 54,514 | 10,252 | - | - | - | - | - | - | 54,514 | 10,252 |
| Pink | 52,632 | 8,455 | 2,774 | 446 | - | - | 8 | 2 | 55,414 | 8,903 |
| Red or sockeye | 48,218 | 14,582 | - | - | - | - | - | - | 48,218 | 14,582 |
| Silver or coho | 21,179 | 7,936 | 6,824 | 3,439 | 2,222 | 1,246 | 60 | 36 | 30,285 | 12,657 |
| Total | 196,105 | 52,054 | 15,683 | 7,768 | 4,708 | 2,807 | 189 | 129 | 216,685 | 62,758 |
| Sardine, Pacific | 199 | 48 | 75 | 18 | 20 | 5 | - | - | 294 | 71 |
| Scup or porgy | 1,086 | 335 | 1,186 | 405 | 5,915 | 1,149 | - | - | 8,187 | 1,889 |
| Sea bass: | | | | | | | | | | |
| Black | 199 | 54 | 408 | 124 | 2,447 | 741 | 92 | 21 | 3,146 | 940 |
| White | 504 | 177 | 31 | 11 | 1 | (2) | 264 | 92 | 800 | 280 |
| Sea trout: | | | | | | | | | | |
| Gray | 13,239 | 1,119 | 2,483 | 285 | 118 | 8 | - | - | 15,840 | 1,412 |
| Spotted | 6,045 | 1,850 | 347 | 117 | - | - | - | - | 6,392 | 1,967 |
| White | 529 | 44 | 889 | 58 | 39 | 4 | - | - | 1,457 | 106 |
| Sharks | 283 | 30 | 317 | 31 | 55 | 5 | 30 | 4 | 685 | 70 |
| Snapper: | | | | | | | | | | |
| Red | 143 | 138 | 823 | 445 | 5,872 | 3,507 | 1,734 | 848 | 8,572 | 4,938 |
| Other | 140 | 68 | 1,368 | 617 | 1,064 | 510 | 67 | 30 | 2,639 | 1,225 |
| Striped bass | 8,113 | 2,205 | 802 | 253 | 28 | 8 | - | - | 8,943 | 2,466 |

See footnotes at end of table.

(Continued on next page)

LANDINGS OF FISH AND SHELLFISH BY U.S. FISHING CRAFT: BY SPECIES, BY DISTANCE CAUGHT OFF U.S. SHORES, AND CAUGHT IN INTERNATIONAL WATERS OFF FOREIGN SHORES, 1972 1/ - Continued

| Species | Distance caught off U.S. shores | | | | | | Caught in international waters off foreign shores | | Total | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 0 to 3 miles | | 3 to 12 miles | | Greater than 12 miles | | | | | |
| | Thousand pounds | Thousand dollars | Thousand pounds | Thousand dollars | Thousand pounds | Thousand dollars | Thousand pounds | Thousand dollars | Thousand pounds | Thousand dollars |
| Tuna: | | | | | | | | | | |
| Albacore | - | - | 193 | 66 | 48,281 | 16,356 | 9,789 | 3,310 | 58,263 | 19,732 |
| Bluefin | 570 | 91 | 971 | 185 | 3,290 | 1,117 | 24,908 | 5,255 | 29,739 | 6,648 |
| Little | 20 | 3 | 11 | 2 | 2 | 1 | - | - | 33 | 6 |
| Skipjack | 106 | 23 | 3,258 | 704 | 7,680 | 1,659 | 77,400 | 14,787 | 88,444 | 17,173 |
| Yellowfin | 324 | 109 | 975 | 326 | 1,951 | 653 | 344,646 | 75,982 | 347,896 | 77,070 |
| Total | 1,020 | 226 | 5,408 | 1,283 | 61,204 | 19,786 | 456,743 | 99,334 | 524,375 | 120,629 |
| Warsaw | - | - | 16 | 3 | 145 | 22 | 29 | 4 | 190 | 29 |
| Whiting | 3,503 | 302 | 13,004 | 1,164 | 10,204 | 916 | - | - | 26,711 | 2,382 |
| Wolffish | 21 | 1 | 261 | 16 | 379 | 27 | 12 | 1 | 673 | 45 |
| Other fish | 219,901 | 24,101 | 100,436 | 7,936 | 31,470 | 2,703 | 816 | 105 | 352,623 | 34,845 |
| Total fish | 2,267,602 | 123,384 | 772,112 | 44,654 | 436,600 | 77,611 | 485,541 | 102,564 | 3,961,855 | 348,213 |
| Shellfish, et al. | | | | | | | | | | |
| Clams: | | | | | | | | | | |
| Hard | 16,336 | 18,501 | - | - | - | - | - | - | 16,336 | 18,501 |
| Soft | 8,769 | 5,252 | - | - | - | - | - | - | 8,769 | 5,252 |
| Surf | 8,169 | 943 | 16,848 | 1,914 | 38,424 | 5,074 | - | - | 63,441 | 7,931 |
| Other | 554 | 175 | - | - | - | - | - | - | 554 | 175 |
| Total | 33,828 | 24,871 | 16,848 | 1,914 | 38,424 | 5,074 | - | - | 89,100 | 31,859 |
| Crabs: | | | | | | | | | | |
| Blue, hard | 145,349 | 14,194 | - | - | 7 | (2) | - | - | 145,356 | 14,194 |
| Dungeness | 19,219 | 8,356 | 7,648 | 3,495 | 50 | 20 | - | - | 26,917 | 11,871 |
| King | 14,802 | 5,179 | 44,406 | 15,538 | 14,802 | 5,179 | - | - | 74,010 | 25,896 |
| Snow | 4,349 | 608 | 24,645 | 3,448 | - | - | - | - | 28,994 | 4,056 |
| Other | 4,267 | 1,798 | 644 | 369 | 889 | 426 | - | - | 5,800 | 2,593 |
| Total | 187,986 | 30,135 | 77,343 | 22,850 | 15,748 | 5,625 | - | - | 281,077 | 58,610 |
| Lobsters: | | | | | | | | | | |
| American (Northern) | 21,088 | 24,965 | 442 | 653 | 7,748 | 10,434 | - | - | 29,278 | 36,052 |
| Spiny | 1,404 | 1,518 | 2,201 | 2,267 | 612 | 630 | 8,182 | 8,167 | 12,399 | 12,582 |
| Oysters | 52,546 | 33,819 | - | - | - | - | - | - | 52,546 | 33,819 |

See footnotes at end of table.

(Continued on next page)

LANDINGS OF FISH AND SHELLFISH BY U.S. FISHING CRAFT: BY SPECIES, BY DISTANCE CAUGHT OFF U.S. SHORES, AND CAUGHT IN INTERNATIONAL WATERS OFF FOREIGN SHORES, 1972 1/ - Continued

| Species | Distance caught off U.S. shores | | | | | | Caught in international waters off foreign shores | | Total | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 0 to 3 miles | | 3 to 12 miles | | Greater than 12 miles | | | | | |
| | Thousand pounds | Thousand dollars | Thousand pounds | Thousand dollars | Thousand pounds | Thousand dollars | Thousand pounds | Thousand dollars | Thousand pounds | Thousand dollars |
| Scallops: | | | | | | | | | | |
| Bay | 479 | 786 | - | - | - | - | - | - | 479 | 786 |
| Calico | - | - | 27 | 12 | 1,315 | 831 | - | - | 1,342 | 843 |
| Sea | 1,191 | 2,045 | 538 | 638 | 5,266 | 9,942 | - | - | 6,995 | 12,625 |
| Shrimp (heads on): | | | | | | | | | | |
| New England | 7,055 | 1,344 | 7,810 | 1,469 | 9,661 | 1,785 | - | - | 24,526 | 4,598 |
| South Atlantic | 23,663 | 16,861 | 1,942 | 1,442 | 300 | 225 | - | - | 25,905 | 18,528 |
| Gulf 3/ | 58,478 | 20,421 | 44,383 | 31,937 | 108,155 | 96,271 | 53,166 | 44,992 | 264,182 | 193,621 |
| Pacific | 49,649 | 2,017 | 44,415 | 3,002 | 11,967 | 1,625 | - | - | 106,031 | 6,644 |
| Other | 2 | 1 | - | - | - | - | - | - | 2 | 1 |
| Total | 138,847 | 40,644 | 98,550 | 37,850 | 130,083 | 99,906 | 53,166 | 44,992 | 420,646 | 223,392 |
| Squid | 19,619 | 605 | 2,355 | 198 | 1,175 | 182 | - | - | 23,149 | 985 |
| Other shellfish | 14,947 | 5,678 | 198 | 42 | 88 | 14 | 1 | (2) | 15,234 | 5,734 |
| Total shellfish | 471,935 | 165,066 | 198,502 | 66,424 | 200,459 | 132,638 | 61,349 | 53,159 | 932,245 | 417,287 |
| Grand total | 2,739,537 | 288,450 | 970,614 | 111,078 | 637,059 | 210,249 | 546,890 | 155,723 | 4,894,100 | 765,500 |

1/ Data include landings by U.S. flag vessels at Puerto Rico and other ports outside continental United States and Hawaii--therefore will not agree with table on page 15.
2/ Less than $500.
3/ Includes shrimp landed at Gulf coast and foreign ports.

Note:--Statistics on landings are shown in round (live) weight of all items except univalve and bivalve mollusks such as clams, oysters, and scallops, which are shown in weight of meats, excluding the shell. Does not include production of artificially cultivated fish and shellfish.

# U.S. LANDINGS

U.S. COMMERCIAL LANDINGS BY STATES, 1971 AND 1972 1/

| State | 1971 | | 1972 | | Record landings | |
|---|---|---|---|---|---|---|
| | Thousand pounds | Thousand dollars | Thousand pounds | Thousand dollars | Year | Thousand pounds |
| Alabama | 2/ 36,727 | 2/ 14,141 | 2/ 39,564 | 2/ 18,326 | 1972 | 39,564 |
| Alaska | 449,089 | 84,504 | 390,137 | 80,733 | 1936 | 932,341 |
| Arkansas | 9,428 | 1,950 | (3) | (3) | - | (4) |
| California | 585,484 | 87,172 | 639,764 | 91,898 | 1936 | 1,760,183 |
| Connecticut | 7,261 | 1,775 | 4,911 | 1,498 | 1930 | 88,012 |
| Delaware | 9,031 | 1,490 | 10,648 | 1,869 | 1953 | 367,500 |
| Florida | 173,904 | 45,154 | 176,271 | 55,711 | 1938 | 241,443 |
| Georgia | 18,409 | 7,478 | 17,544 | 6,802 | 1927 | 47,607 |
| Hawaii | 17,177 | 5,159 | 14,686 | 5,097 | 1954 | 20,610 |
| Idaho | 1,329 | 317 | 1,400 | 336 | - | (4) |
| Illinois | 2/ 5,172 | 2/ 715 | 2/ 5,701 | 2/ 686 | - | (4) |
| Indiana | 2/ 1,034 | 2/ 155 | 2/ 858 | 2/ 181 | - | (4) |
| Iowa | 3,369 | 348 | 3,518 | 352 | - | (4) |
| Kansas | 40 | 12 | 36 | 10 | - | (4) |
| Kentucky | (3) | (3) | (3) | (3) | - | (4) |
| Louisiana | 2/ 1,396,214 | 2/ 72,630 | 2/ 1,070,597 | 2/ 71,916 | 1971 | 1,396,214 |
| Maine | 142,619 | 31,068 | 149,271 | 34,819 | 1950 | 356,266 |
| Maryland | 72,680 | 18,441 | 67,636 | 18,261 | 1890 | 141,607 |
| Massachusetts | 273,064 | 45,970 | 248,035 | 48,052 | 1948 | 649,696 |
| Michigan | 19,137 | 2,671 | 14,213 | 2,985 | 1930 | 35,580 |
| Minnesota | 2/ 12,011 | 2/ 1,367 | 2/ 11,583 | 2/ 981 | - | (4) |
| Mississippi | 2/ 397,605 | 2/ 13,380 | 2/ 260,216 | 2/ 11,897 | 1971 | 397,605 |
| Missouri | 773 | 148 | 790 | 150 | - | (4) |
| Montana | 705 | 110 | 718 | 108 | - | (4) |
| Nebraska | 174 | 12 | 179 | 13 | - | (4) |
| New Hampshire | 1,296 | 841 | 1,442 | 1,133 | - | (4) |
| New Jersey | 114,416 | 12,025 | 190,517 | 14,423 | 1956 | 540,060 |
| New York | 36,617 | 18,676 | 37,377 | 22,123 | 1880 | 2/ 335,000 |
| North Carolina | 143,475 | 11,227 | 175,410 | 11,827 | 1959 | 342,612 |
| North Dakota | 364 | 39 | 395 | 40 | - | (4) |
| Ohio | 2/ 9,045 | 2/ 1,225 | 2/ 7,939 | 2/ 1,026 | 1936 | 31,083 |
| Oklahoma | (3) | (3) | (3) | (3) | - | (4) |
| Oregon | 75,770 | 16,226 | 92,923 | 24,024 | 1970 | 98,089 |
| Pennsylvania | 451 | 46 | 357 | 111 | - | (4) |
| Rhode Island | 84,553 | 12,398 | 86,376 | 12,443 | 1889 | 128,056 |
| South Carolina | 24,642 | 8,373 | 22,365 | 7,961 | 1965 | 26,611 |
| South Dakota | 3,013 | 235 | 3,159 | 253 | - | (4) |
| Tennessee | (3) | (3) | (3) | (3) | - | (4) |
| Texas | 2/ 168,682 | 2/ 70,037 | 2/ 117,000 | 2/ 85,011 | 1960 | 237,684 |
| Virginia | 488,981 | 21,937 | 663,845 | 25,992 | 1972 | 663,845 |
| Washington | 130,449 | 30,238 | 120,458 | 38,496 | 1941 | 197,253 |
| Wisconsin | 2/ 42,875 | 2/ 2,352 | 2/ 43,661 | 2/ 2,521 | - | (4) |
| Wyoming | - | - | 144 | (5) | - | (4) |
| -- | 6/ 12,335 | 6/ 1,158 | 6/ 18,756 | 6/ 3,535 | - | - |
| Total | 4,969,400 | 643,200 | 4,710,400 | 703,600 | - | - |

1/ Statistics on landings are shown in round (live) weight of all items except univalve and bivalve mollusks such as clams, oysters, and scallops, which are shown in weight of meats, excluding the shell.

2/ Catch in interior waters estimated.

3/ Data not available.

4/ Not determined.

5/ Less than $500.

6/ Data by State not available.

Note: Does not include landings by U.S. flag vessels at Puerto Rico or other ports outside continental United States and Hawaii. Does not include production of artificially cultivated fish and shellfish. Data are preliminary.

U.S. COMMERCIAL LANDINGS BY REGIONS, 1971 AND 1972

| Region | 1971 | | 1972 | |
|---|---|---|---|---|
| | Thousand pounds | Thousand dollars | Thousand pounds | Thousand dollars |
| New England and Middle Atlantic | 668,364 | 124,135 | 728,098 | 136,232 |
| Chesapeake | 561,661 | 40,378 | 731,481 | 44,253 |
| South Atlantic | 255,203 | 41,306 | 284,168 | 44,309 |
| Gulf | 2,096,926 | 199,851 | 1,584,799 | 223,419 |
| Alaska | 449,089 | 84,504 | 390,137 | 80,733 |
| Washington and Oregon | 206,219 | 46,464 | 213,381 | 62,520 |
| California | 585,484 | 87,172 | 639,764 | 91,898 |
| Great Lakes and Mississippi River | 129,277 | 14,231 | 123,886 | 15,139 |
| Hawaii | 17,177 | 5,159 | 14,686 | 5,097 |
| Total | 4,969,400 | 643,200 | 4,710,400 | 703,600 |

Note:--Data are preliminary.

QUANTITY AND VALUE OF LANDINGS AT CERTAIN U.S. PORTS, 1972

| Port | Thousand pounds | Port | Thousand dollars |
|---|---|---|---|
| San Pedro, Calif. | 452,392 | San Pedro, Calif. | *58,958 |
| Cameron, La. | 394,500 | Brownsville-Port Isabel, Tex. | 28,500 |
| Pascagoula-Moss Point, Miss. | 205,000 | Aransas Pass-Rockport, Tex. | 21,900 |
| Dulac-Chauvin, La. | 183,000 | New Bedford, Mass. | 18,333 |
| Empire, La. | 134,000 | San Diego, Calif. | 15,853 |
| Morgan City, La. | 128,600 | Kodiak, Alaska | 15,299 |
| Kodiak, Alaska | 119,068 | Freeport, Tex. | 15,200 |
| Gloucester, Mass. | 113,268 | Dulac-Chauvin, La. | 14,000 |
| San Diego, Calif. | 72,110 | Bayou La Batre, Ala. | 13,600 |
| New Bedford, Mass. | 60,209 | Cameron, La. | 11,200 |
| Beaufort-Morehead City, N.C. | 56,919 | Gloucester, Mass. | 9,773 |
| Point Judith, R.I. | 50,031 | Golden Meadow-Leeville, La. | 9,100 |
| Golden Meadow-Leeville, La. | 37,900 | Morgan City, La. | 8,100 |
| Brownsville-Port Isabel, Tex. | 35,500 | Empire, La. | 7,700 |
| Rockland, Maine | 30,900 | Pascagoula-Moss Point, Miss. | 6,500 |
| Cape May, N.J. | 28,966 | Boston, Mass. | 5,859 |
| Bayou La Batre, Ala. | 26,400 | Point Judith, R.I. | 5,322 |
| Aransas Pass-Rockport, Tex. | 25,900 | Newport, R.I. | 4,909 |

*Record.

Note:--Reedville, Va., Southport, N.C., Port Monmouth, N.J., and Intercoastal City, La., are not listed in the above table to avoid disclosure of private enterprise. Data are based on latest available information and are not intended to show the relative position of all ports in the United States. Record landings of 848 million pounds of fish and shellfish were made in the San Pedro area in 1950.

# U.S. LANDINGS

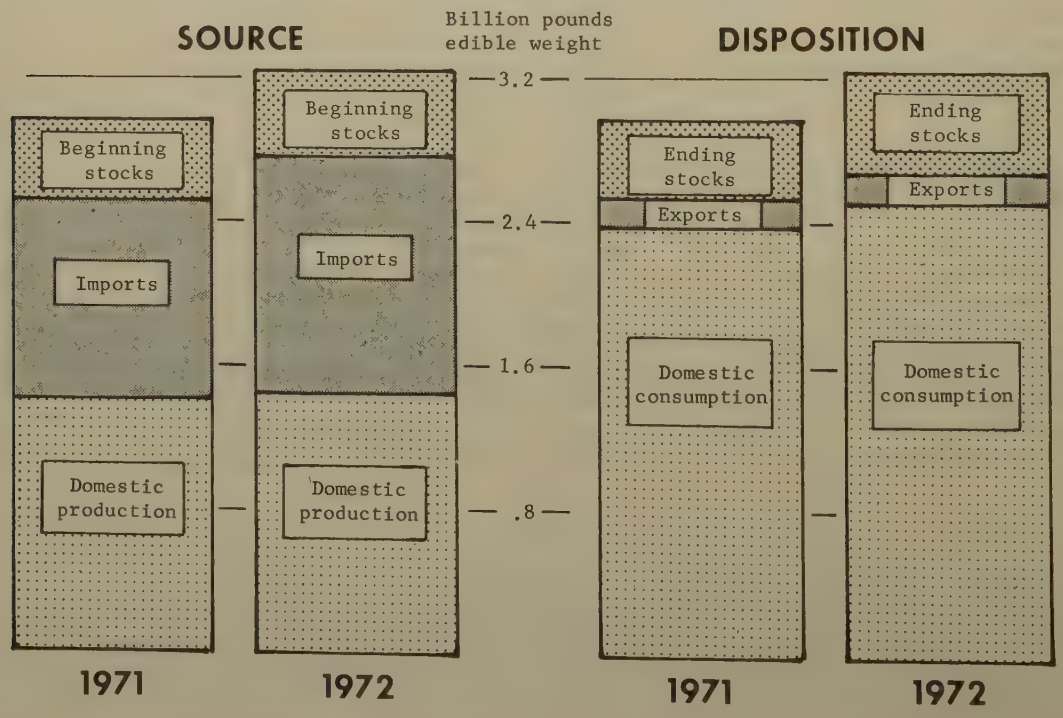
U.S. LANDINGS OF FISH AND SHELLFISH, 1960-72 1/

| Year | Landings for human food | | Landings for industrial products 2/ | | Total | |
|---|---|---|---|---|---|---|
| | Million pounds | Million dollars | Million pounds | Million dollars | Million pounds | Million dollars |
| 1960 | 2,498 | (3) | 2,444 | (3) | 4,942 | 354 |
| 1961 | 2,490 | (3) | 2,697 | (3) | 5,187 | 362 |
| 1962 | 2,540 | (3) | * 2,814 | (3) | * 5,354 | 396 |
| 1963 | 2,556 | (3) | 2,291 | (3) | 4,847 | 377 |
| 1964 | 2,497 | (3) | 2,044 | (3) | 4,541 | 389 |
| 1965 | 2,587 | 409 | 2,190 | 37 | 4,777 | 446 |
| 1966 | 2,573 | 437 | 1,793 | 35 | 4,366 | 472 |
| 1967 | 2,368 | 414 | 1,687 | 26 | 4,055 | 440 |
| 1968 | 2,347 | 468 | 1,813 | 29 | 4,160 | 497 |
| 1969 | 2,321 | 492 | 2,016 | 35 | 4,337 | 527 |
| 1970 | 2,537 | 565 | 2,380 | *48 | 4,917 | 613 |
| 1971 | 2,400 | 595 | 2,569 | *48 | 4,969 | 643 |
| 1972 | 2,310 | *658 | 2,400 | 46 | 4,710 | *704 |

1/ Statistics on landings are shown in round (live) weight of all items except univalve and bivalve mollusks such as clams, oysters, and scallops, which are shown in weight of meats, excluding the shell.
2/ Processed into meal, oil, fish solubles, shell products, and used as bait and animal food.
3/ Data not available.
* Record

Note:--A record 3.3 billion pounds of fish and shellfish were used for human food in 1950. Does not include landings by U.S. flag vessels at Puerto Rico or other ports outside continental United States and Hawaii. Does not include production of artificially cultivated fish and shellfish.

## SOURCE AND DISPOSITION OF EDIBLE FISHERY PRODUCTS, 1971-72



RELATIVE VOLUME OF THE LANDINGS, BY SPECIES, 1970

| Species | Quantity | Percent of total | Record landings and year | |
|---|---|---|---|---|
| | Thousand pounds | Percent | Year | Thousand pounds |
| Menhaden | 1,837,493 | 37.4 | 1962 | 2,347,944 |
| Salmon | 412,424 | 8.4 | 1936 | 643,700 |
| Tuna | 393,494 | 8.0 | 1950 | 403,372 |
| Shrimp | 367,468 | 7.5 | 1970 | 367,468 |
| Crabs | 277,218 | 5.6 | 1966 | 372,425 |
| Anchovies | 192,939 | 3.9 | 1970 | 192,939 |
| Flounders | 168,545 | 3.4 | 1965 | 180,121 |
| Industrial fish 1/ | 160,952 | 3.3 | 1965 | 265,438 |
| Clams | 99,204 | 2.0 | 1970 | 99,204 |
| Herring, sea: | | | | |
| Atlantic | 66,741 | 1.4 | 1902 | 200,598 |
| Pacific | 21,818 | .4 | 1937 | 263,200 |
| Total | 88,559 | 1.8 | - | - |
| Alewives | 69,539 | 1.4 | 1967 | 101,127 |
| Cod: | | | | |
| Atlantic | 53,225 | 1.0 | 1880 | 294,351 |
| Pacific | 2,984 | .1 | 1915 | 32,681 |
| Total | 56,209 | 1.1 | - | - |
| Ocean perch, Atlantic | 55,290 | 1.1 | 1951 | 258,320 |
| Oysters | 53,602 | 1.1 | 2/ 1908 | 152,046 |
| Jack mackerel | 47,747 | 1.0 | 1952 | 146,522 |
| Whiting | 44,516 | .9 | 1957 | 133,041 |
| Catfish and bullheads | 35,217 | .7 | 1963 | 38,614 |
| Halibut, Pacific | 34,547 | .7 | 1915 | 66,696 |
| Lobsters, American | 34,152 | .7 | 1970 | 34,152 |
| Mullet | 31,324 | .6 | 1902 | 43,385 |
| Rockfishes | 27,610 | .6 | 1945 | 57,686 |
| Mackerels | 27,502 | .6 | (3) | (3) |
| Haddock | 26,889 | .6 | 1929 | 293,809 |
| Carp | 26,562 | .5 | 1908 | 43,659 |
| Buffalofish | 22,089 | .4 | 1950 | 25,873 |
| Ocean perch, Pacific | 15,266 | .3 | 1965 | 28,352 |
| Striped bass | 11,186 | .2 | 1969 | 12,437 |
| Chubs | 11,053 | .2 | 1960 | 16,854 |
| Scup or porgy | 10,504 | .2 | 1960 | 49,229 |
| Lobsters, spiny | 10,345 | .2 | 1970 | 10,345 |
| Spot | 10,087 | .2 | 1952 | 15,863 |
| Shad | 9,437 | .2 | 1890 | 43,000 |
| Bonito | 9,375 | .2 | 1967 | 21,268 |
| Pollock | 9,218 | .2 | 1938 | 40,694 |
| Snapper, red | 9,140 | .2 | 1902 | 23,457 |
| Hake, Pacific | 9,019 | .2 | 1967 | 28,818 |
| Croaker | 8,449 | .2 | 1945 | 64,668 |
| Groupers | 8,202 | .2 | 1965 | 9,570 |
| Sea trout or weakfish, gray | 7,627 | .2 | 1945 | 41,420 |
| Scallops, sea | 7,304 | .1 | 1961 | 27,461 |
| Bluefish | 7,203 | .1 | 4/ 1897 | 22,673 |
| Sheepshead, fresh-water | 6,991 | .1 | 1959 | 13,644 |
| Sablefish | 6,474 | .1 | 1945 | 17,750 |
| Unclassified | 159,249 | 3.4 | - | - |
| Grand total | 4,917,220 | 100.0 | - | - |

1/ Unclassified species for bait, reduction, and animal food. 2/ First year in which an oyster survey was made in all regions. 3/ Data not available. 4/ Includes data on New England landings in 1898.

# U.S. LANDINGS

RELATIVE VALUE OF THE LANDINGS, BY SPECIES, 1970

| Species | Value | Percent of total | Record value and year | |
|---|---|---|---|---|
| | Thousand dollars | Percent | Year | Thousand dollars |
| Shrimp | 129,758 | 21.2 | 1970 | 129,758 |
| Salmon | 99,037 | 16.1 | 1970 | 99,037 |
| Tuna | 74,963 | 12.2 | 1970 | 74,963 |
| Crabs | 39,238 | 6.4 | 1968 | 44,433 |
| Menhaden | 34,084 | 5.6 | 1970 | 34,084 |
| Lobsters, American | 33,464 | 5.5 | 1970 | 33,464 |
| Oysters | 29,485 | 4.8 | 1961 | 33,204 |
| Clams | 28,791 | 4.7 | 1970 | 28,791 |
| Flounders | 23,075 | 3.8 | 1970 | 23,075 |
| Scallops, sea | 12,403 | 2.0 | 1968 | 14,976 |
| Halibut, Pacific | 8,834 | 1.4 | 1962 | 11,576 |
| Catfish and bullheads | 8,241 | 1.3 | 1970 | 8,241 |
| Lobsters, spiny | 6,332 | 1.0 | 1970 | 6,332 |
| Haddock | 6,045 | 1.0 | 1966 | 13,943 |
| Cod: | | | | |
| Atlantic | 5,742 | .9 | 1970 | 5,742 |
| Pacific | 200 | .1 | 1959 | 664 |
| Total | 5,942 | 1.0 | - | - |
| Snapper, red | 4,231 | .7 | 1969 | 4,464 |
| Whiting | 3,889 | .6 | 1970 | 3,889 |
| Mackerels | 3,276 | .5 | (1) | (1) |
| Buffalofish | 3,081 | .5 | 1952 | 3,564 |
| Ocean perch, Atlantic | 2,724 | .4 | 1951 | 12,597 |
| Industrial fish 2/ | 2,602 | .4 | 1967 | 3,136 |
| Mullet | 2,580 | .4 | 1945 | 4,647 |
| Striped bass | 2,529 | .4 | 1970 | 2,529 |
| Scup or porgy | 2,351 | .4 | 1966 | 3,326 |
| Anchovies | 2,173 | .3 | 1970 | 2,173 |
| Chubs | 1,926 | .3 | 1958 | 2,564 |
| Jack mackerel | 1,881 | .3 | 1952 | 4,755 |
| Rockfishes | 1,832 | .3 | 1945 | 2,648 |
| Herring, sea: | | | | |
| Atlantic | 1,174 | .2 | 1948 | 3,798 |
| Pacific | 653 | .1 | 1947 | 2,152 |
| Total | 1,827 | .3 | - | - |
| Sea trout or weakfish, spotted | 1,735 | .3 | 1952 | 1,781 |
| Groupers | 1,523 | .2 | 1969 | 1,612 |
| Whitefish, common | 1,362 | .2 | 1948 | 3,784 |
| Pompano | 1,344 | .2 | 1970 | 1,344 |
| Bloodworms | 1,216 | .2 | 1970 | 1,216 |
| Alewives | 1,096 | .2 | 1967 | 1,551 |
| Spot | 1,064 | .2 | 1970 | 1,064 |
| Croaker | 1,059 | .2 | 1945 | 6,958 |
| Shad | 1,053 | .2 | 1945 | 2,680 |
| Carp | 1,025 | .2 | 1951 | 2,007 |
| Sea bass, black(Atlantic) | 986 | .2 | 1952 | 5,206 |
| Crawfish, fresh-water | 969 | .2 | 1969 | 1,571 |
| Unclassified | 22,120 | 3.7 | - | - |
| Grand total | 613,146 | 100.0 | - | - |

1/ Data not available.

2/ Unclassified species for bait, reduction, and animal food.

DISPOSITION OF LANDINGS, 1971 and 1972

| End use | 1971 | | 1972 | |
|---|---|---|---|---|
| | Million pounds | Percent | Million pounds | Percent |
| Fresh and frozen: | | | | |
| For human food | 1,398 | 28.1 | 1,441 | 30.6 |
| For bait and animal food | 89 | 1.8 | 95 | 2.0 |
| Total | 1,487 | 29.9 | 1,536 | 32.6 |
| Canned: | | | | |
| For human food | 927 | 18.7 | 798 | 16.9 |
| For bait and animal food | 136 | 2.7 | 117 | 2.5 |
| Total | 1.063 | 21.4 | 915 | 19.4 |
| Cured | 75 | 1.5 | 71 | 1.5 |
| Reduction to meal, oil, etc. | 2,344 | 47.2 | 2,188 | 46.5 |
| Grand total | 4,969 | 100.0 | 4,710 | 100.0 |

Note:--Data are preliminary.

MONTHLY LANDINGS AND UTILIZATION OF FISH AND SHELLFISH, 1972

| Month | Landings for human food | | Landings for industrial products 1/ | | Total | |
|---|---|---|---|---|---|---|
| | Million pounds | Percent | Million pounds | Percent | Million pounds | Percent |
| January | 99 | 4.3 | 44 | 1.9 | 143 | 3.0 |
| February | 116 | 5.0 | 35 | 1.5 | 151 | 3.2 |
| March | 146 | 6.4 | 28 | 1.3 | 174 | 3.7 |
| April | 162 | 7.0 | 88 | 3.7 | 250 | 5.3 |
| May | 217 | 9.4 | 335 | 14.0 | 552 | 11.7 |
| June | 234 | 10.1 | 344 | 14.0 | 578 | 12.3 |
| July | 322 | 14.0 | 393 | 16.4 | 715 | 15.2 |
| August | 328 | 14.2 | 492 | 20.5 | 820 | 17.4 |
| September | 216 | 9.2 | 266 | 11.1 | 482 | 10.2 |
| October | 192 | 8.3 | 218 | 9.1 | 410 | 8.7 |
| November | 154 | 6.7 | 108 | 4.5 | 262 | 5.6 |
| December | 124 | 5.4 | 49 | 2.1 | 173 | 3.7 |
| Total | 2,310 | 100.0 | 2,400 | 100.0 | 4,710 | 100.0 |

1/ Manufactured into meal, oil, solubles, shell products, and used as bait and animal food.

# U.S. LANDINGS

TAKE OF PRIBILOF ISLANDS SEALSKINS, 1960-72

| Year | Skins taken | | |
|---|---|---|---|
| | Male | Female | Total |
| | Number | | |
| 1960 | 36,320 | 4,296 | 40,616 |
| 1961 | 82,099 | 13,875 | 95,974 |
| 1962 | 53,460 | 24,455 | 77,915 |
| 1963 | 42,278 | 42,976 | 85,254 |
| 1964 | 48,223 | 15,983 | 64,206 |
| 1965 | 41,216 | 9,804 | 51,020 |
| 1966 | 52,866 | - | 52,866 |
| 1967 | 55,638 | 10,034 | 65,672 |
| 1968 | 45,437 | 13,095 | 58,532 |
| 1969 | 38,610 | 195 | 38,805 |
| 1970 | 42,060 | 119 | 42,179 |
| 1971 | 31,740 | - | 31,740 |
| 1972 | 37,146 | 75 | 37,221 |

AVERAGE VALUE OF PRIBILOF ISLANDS SEALSKINS, 1960-72

| Year | Dressed, dyed, machined, and finished | | | | Sheared | |
|---|---|---|---|---|---|---|
| | Male | | Female | | Female | |
| | Spring sale | Fall sale | Spring sale | Fall sale | Spring sale | Fall sale |
| | Dollars per skin | | | | | |
| 1960 | 101.66 | 104.35 | - | - | - | 36.05 |
| 1961 | 87.94 | 86.69 | - | - | 11.99 | 41.05 |
| 1962 | 106.42 | 107.53 | - | - | 44.33 | 48.40 |
| 1963 | 122.52 | 1/111.72 | - | (1) | 43.09 | 40.63 |
| 1964 | 105.45 | 85.56 | 71.16 | 64.34 | 48.82 | 59.65 |
| 1965 | 116.36 | 2/103.78 | 89.21 | (2) | 47.68 | 60.80 |
| 1966 | 3/127.99 | 4/105.93 | (3) | (4) | 77.22 | 62.85 |
| 1967 | 5/ 90.30 | 6/ 80.22 | (5) | (6) | 48.86 | 82.43 |
| 1968 | 113.48 | 91.36 | 98.71 | 64.49 | 50.51 | 54.88 |
| 1969 | 104.55 | 76.02 | 69.40 | 63.11 | 46.25 | 43.98 |
| 1970 | 79.22 | 82.56 | 71.23 | 73.86 | 34.04 | 40.37 |
| 1971 | 78.95 | 68.90 | 72.90 | 71.77 | 38.44 | 76.55 |
| 1972 | 102.74 | 91.80 | - | - | 59.38 | 67.19 |

1/ A total of 4,668 female skins were sold with the male skins. 2/ A total of 1,870 female skins were sold with the male skins. 3/ A total of 2,537 female skins were sold with the male skins. 4/ A total of 3,395 female skins were sold with the male skins. 5/ A total of 3,073 female skins were sold with the male skins. 6/ A total of 3,118 female skins were sold with the male skins. Note:--The skins sold were taken several years prior to the date of sale.

CATCH OF FISH, CRUSTACEANS, MOLLUSKS, AND OTHER AQUATIC PLANTS AND ANIMALS, BY LEADING COUNTRIES, 1956-71
(Live weight basis)

| Year | Country | Million pounds | Year | Country | Million pounds |
|---|---|---|---|---|---|
| 1956: | | | 1964: | | |
| | Japan | 10,522 | | Peru | 20,550 |
| | United States | 6,574 | | Japan | 14,001 |
| | China (Mainland) | 5,838 | | China (Mainland) | 10,505 |
| | Union of Soviet Socialist Republics | 5,767 | | Union of Soviet Socialist Republics | 9,867 |
| | Norway | 4,822 | | United States | 5,773 |
| 1957: | | | 1965: | | |
| | Japan | 11,921 | | Peru | 16,825 |
| | China (Mainland) | 6,878 | | Japan | 15,229 |
| | United States | 6,074 | | China (Mainland) | 11,757 |
| | Union of Soviet Socialist Republics | 5,580 | | Union of Soviet Socialist Republics | 11,243 |
| | Norway | 3,849 | | United States | 6,006 |
| 1958: | | | 1966: | | |
| | Japan | 12,136 | | Peru | 19,499 |
| | China (Mainland) | 8,951 | | Japan | 15,657 |
| | United States | 5,960 | | China (Mainland) | 12,414 |
| | Union of Soviet Socialist Republics | 5,778 | | Union of Soviet Socialist Republics | 11,792 |
| | Norway | 3,180 | | Norway | 6,329 |
| 1959: | | | 1967: | | |
| | Japan | 12,972 | | Peru | 22,484 |
| | China (Mainland) | 11,067 | | Japan | 17,307 |
| | United States | 6,373 | | Union of Soviet Socialist Republics | 12,736 |
| | Union of Soviet Socialist Republics | 6,076 | | China (Mainland) | 11,435 |
| | Peru | 5,101 | | Norway | 7,200 |
| 1960: | | | 1968: | | |
| | Japan | 13,652 | | Peru | 23,271 |
| | China (Mainland) | 12,787 | | Japan | 19,113 |
| | Peru | 8,217 | | Union of Soviet Socialist Republics | 13,409 |
| | Union of Soviet Socialist Republics | 6,726 | | China (Mainland) | 11,907 |
| | United States | 6,205 | | Norway | 6,296 |
| 1961: | | | 1969: | | |
| | Japan | 14,794 | | Peru | 20,378 |
| | China (Mainland) 1/ | 12,787 | | Japan | 18,989 |
| | Peru | 12,016 | | Union of Soviet Socialist Republics | 14,324 |
| | Union of Soviet Socialist Republics | 7,165 | | China (Mainland) | 12,202 |
| | United States | 6,464 | | Norway | 5,491 |
| 1962: | | | 1970: | | |
| | Peru | 15,793 | | Peru | 27,807 |
| | Japan | 15,139 | | Japan | 20,536 |
| | Union of Soviet Socialist Republics | 7,973 | | Union of Soviet Socialist Republics | 15,988 |
| | China (Mainland) | 7,751 | | China (Mainland) | 13,790 |
| | United States | 6,554 | | Norway | 6,570 |
| 1963: | | | 1971: | | |
| | Peru | 15,632 | | Peru | 23,394 |
| | Japan | 14,768 | | Japan | 21,815 |
| | China (Mainland) | 8,785 | | Union of Soviet Socialist Republics | 16,175 |
| | Union of Soviet Socialist Republics | 8,768 | | China (Mainland) | 15,168 |
| | United States | 6,122 | | Norway | 6,779 |

1/ Data are for 1960.
Note:--Data reflect latest information published in the various volumes of Yearbook of Fishery Statistics, Food and Agriculture Organization of the United Nations.

CATCH OF FISH, CRUSTACEANS, MOLLUSKS, AND OTHER AQUATIC PLANTS AND ANIMALS, BY COUNTRIES, 1970 AND 1971

| Country | 1970[1/] | | | 1971 | | |
|---|---|---|---|---|---|---|
| | Thousand metric tons live weight | Million pounds live weight | Million dollars | Thousand metric tons live weight | Million pounds live weight | Million dollars |
| Japan | 9,315 | 20,536 | 2/ 2,549 | 9,895 | 21,815 | 2/ 2,708 |
| China, Peoples Republic of (Mainland) | 6,255 | 13,790 | 2/ 1,713 | 6,880 | 15,168 | 2/ 1,955 |
| Union of Soviet Socialist Republics | 7,252 | 15,988 | 2/ 1,305 | 7,337 | 16,175 | 2/ 1,480 |
| Philippines | 990 | 2,183 | 434 | 1,050 | 2,315 | 651 |
| United States | 3/ 2,755 | 3/ 6,074 | 613 | 3/ 2,767 | 3/ 6,100 | 643 |
| Spain | 1,499 | 3,305 | 378 | 1,499 | 3,305 | 2/ 378 |
| Indonesia | 1,249 | 2,754 | 2/ 342 | 1,250 | 2,756 | 2/ 355 |
| India | 1,746 | 3,849 | 341 | 1,845 | 4,067 | 342 |
| France | 764 | 1,684 | 287 | 742 | 1,636 | 315 |
| Korea, Republic of | 934 | 2,059 | 211 | 1,074 | 2,368 | 283 |
| Thailand | 1,448 | 3,192 | 286 | 1,572 | 3,466 | 261 |
| United Kingdom | 1,099 | 2,423 | 188 | 1,107 | 2,440 | 255 |
| Italy | 387 | 853 | 222 | 391 | 862 | 252 |
| Norway | 2,980 | 6,570 | 197 | 3,075 | 6,779 | 238 |
| Pakistan | 420 | 926 | 238 | 417 | 919 | 2/ 236 |
| China (Taiwan) | 613 | 1,351 | 179 | 650 | 1,433 | 209 |
| Korea, North | 800 | 1,764 | 2/ 190 | 800 | 1,764 | 2/ 190 |
| Canada | 1,389 | 3,062 | 187 | 1,289 | 2,822 | 186 |
| Peru | 12,613 | 27,807 | 187 | 10,611 | 23,394 | 2/ 172 |
| Vietnam, South | 517 | 1,140 | 2/ 142 | 588 | 1,296 | 2/ 167 |
| South Africa, Republic of | 1,555 | 3,428 | 2/ 181 | 1,084 | 2,390 | 2/ 144 |
| Denmark | 1,226 | 2,703 | 114 | 1,401 | 3,089 | 142 |
| Germany, Federal Republic of | 613 | 1,351 | 106 | 508 | 1,120 | 123 |
| Malaysia | 365 | 805 | 94 | 390 | 860 | 114 |
| Brazil | 515 | 1,135 | 2/ 103 | 515 | 1,135 | 2/ 103 |
| Poland | 469 | 1,034 | 2/ 81 | 518 | 1,142 | 2/ 100 |
| Mexico | 357 | 787 | 91 | 402 | 886 | 95 |
| Netherlands | 301 | 663 | 78 | 321 | 708 | 94 |
| Vietnam, North | 300 | 661 | 2/ 82 | 300 | 661 | 2/ 83 |
| Burma | 432 | 952 | 87 | 443 | 977 | 80 |
| Portugal | 498 | 1,098 | 77 | 498 | 1,098 | 2/ 77 |
| Iceland | 734 | 1,168 | 68 | 685 | 1,510 | 2/ 63 |
| Germany, East | 319 | 703 | 2/ 55 | 323 | 712 | 2/ 63 |
| Sweden | 295 | 650 | 48 | 237 | 522 | 47 |
| Chile | 1,179 | 2,599 | 2/ 32 | 1,179 | 2,599 | 2/ 32 |
| Morocco | 256 | 564 | 18 | 229 | 505 | 19 |
| Angola | 368 | 811 | 8 | 368 | 811 | 2/ 8 |
| All others 4/ | 4,793 | 11,018 | 1,013 | 5,160 | 11,395 | 1,337 |
| Total | 69,600 | 153,440 | 12,525 | 69,400 | 153,000 | 14,000 |

1/ Revised.

2/ Estimated by National Marine Fisheries Service, Statistics and Market News Division.

3/ Includes the weight of clam, oyster, scallop, and other mollusk shells. This weight is not included in other United States catch statistics.

4/ Residual.

Source:--Yearbook of Fishery Statistics, 1971, Vol. 32, Food and Agriculture Organization of the United Nations.

CATCH OF FISH, CRUSTACEANS, MOLLUSKS, AND OTHER AQUATIC PLANTS AND ANIMALS, BY CONTINENTS, 1970 AND 1971

| Continent | 1970[1] | | | 1971 | | |
|---|---|---|---|---|---|---|
| | Thousand metric tons live weight | Million pounds live weight | Million dollars[2] | Thousand metric tons live weight | Million pounds live weight | Million dollars[2] |
| Asia | 26,380 | 58,157 | 7,225 | 28,160 | 62,082 | 8,096 |
| South America | 14,850 | 32,728 | 400 | 12,880 | 28,395 | 390 |
| Europe | 11,960 | 26,367 | 2,073 | 12,100 | 26,676 | 2,343 |
| Union of Soviet Socialist Republics | 7,250 | 15,983 | 1,305 | 7,340 | 16,182 | 1,480 |
| North and Central America | 4,870 | 10,736 | 943 | 5,010 | 11,045 | 1,068 |
| Africa | 4,080 | 8,995 | 475 | 3,750 | 8,267 | 500 |
| Oceania | 200 | 441 | 103 | 210 | 463 | 125 |
| Total[3] | 69,600 | 153,440 | 12,525 | 69,400 | 153,000 | 14,000 |

1/ Revised. 2/ Estimated by National Marine Fisheries Service, Statistics and Market News Division. 3/ Figures will not add to totals because of rounding and conversion.
Source:--Yearbook of Fishery Statistics, 1971, Vol. 32, Food and Agriculture Organization of the United Nations.

CATCH OF FISH, CRUSTACEANS, MOLLUSKS, AND OTHER AQUATIC PLANTS AND ANIMALS, BY MAJOR FISHING AREAS, 1970 AND 1971

| Area | 1970[1] | | 1971 | |
|---|---|---|---|---|
| | Thousand metric tons | Million pounds | Thousand metric tons | Million pounds |
| | Live weight | | | |
| Marine areas: | | | | |
| Pacific Ocean and adjacent areas | 34,280 | 75,574 | 33,530 | 73,920 |
| Atlantic Ocean and adjacent areas | 23,560 | 51,940 | 23,320 | 51,411 |
| Indian Ocean and adjacent areas | 2,770 | 6,107 | 3,060 | 6,746 |
| Total | 60,610 | 133,621 | 59,910 | 132,077 |
| Inland waters: | | | | |
| Asia | 6,390 | 14,087 | 6,780 | 14,947 |
| Africa | 1,170 | 2,579 | 1,220 | 2,690 |
| Union of Soviet Socialist Republics | 850 | 1,874 | 940 | 2,072 |
| South America | 240 | 529 | 240 | 529 |
| Europe | 240 | 529 | 240 | 529 |
| North and Central America | 130 | 287 | 110 | 243 |
| Oceania | (2) | (2) | (2) | (2) |
| Total | 9,020 | 19,885 | 9,530 | 21,010 |
| Grand total[3] | 69,600 | 153,440 | 69,400 | 153,000 |

1/ Revised. 2/ Negligible. 3/ Figures will not add to grand total because of rounding.
Source:--Yearbook of Fishery Statistics, 1971, Vol. 32, Food and Agriculture Organization of the United Nations.

CATCH OF FISH, CRUSTACEANS, MOLLUSKS, AND OTHER AQUATIC PLANTS AND ANIMALS, BY SPECIES GROUPS, 1970 AND 1971

| Species group | 1970[1/] | | 1971 | |
|---|---|---|---|---|
| | Thousand metric tons | Million pounds | Thousand metric tons | Million pounds |
| | Live weight | | | |
| Herring, sardines, anchovies, et al. | 21,310 | 46,980 | 18,960 | 41,800 |
| Cods, hakes, haddocks, et al. | 10,420 | 22,972 | 10,730 | 23,655 |
| Miscellaneous marine fishes | 8,050 | 17,747 | 8,560 | 18,871 |
| Fresh water fishes | 8,320 | 18,342 | 8,850 | 19,511 |
| Redfish, basses, congers, et al. | 3,680 | 8,113 | 3,770 | 8,311 |
| Mollusks | 3,320 | 7,319 | 3,210 | 7,077 |
| Mackerels, snoeks, cutlassfishes, et al. | 3,150 | 6,944 | 3,270 | 7,209 |
| Salmon, trouts, smelts, et al. | 2,090 | 4,608 | 2,160 | 4,762 |
| Tunas, bonitos, billfishes, et al. | 1,610 | 3,549 | 1,600 | 3,527 |
| Crustaceans | 1,630 | 3,593 | 1,680 | 3,704 |
| Flounders, halibuts, soles, et al. | 1,300 | 2,866 | 1,360 | 2,998 |
| Miscellaneous aquatic plants and animals | 957 | 2,110 | 997 | 2,198 |
| Shads, milkfishes, et al. | 790 | 1,742 | 760 | 1,675 |
| Sharks, rays, chimaeras, et al. | 470 | 1,036 | 470 | 1,036 |
| Jacks, mullets, sauries, et al. | 2,370 | 5,225 | 2,900 | 6,393 |
| Sea cucumbers, sea urchins, et al. | 53 | 117 | 53 | 117 |
| River eels | 44 | 97 | 45 | 99 |
| Sturgeons, paddlefishes, et al. | 20 | 44 | 22 | 48 |
| Total[2/] | 69,600 | 153,440 | 69,400 | 153,000 |

1/ Revised.

2/ Figures will not add to totals because of rounding and conversion.

Source:--Yearbook of Fishery Statistics, 1971, Vol. 32, Food and Agriculture Organization of the United Nations.

ESTIMATED USE OF WORLD CATCH 1969 and 1970

| Manner used | 1969 | 1970 |
|---|---|---|
| | Million pounds, live weight | |
| Marketed fresh | 39,683 | 41,887 |
| Frozen | 18,960 | 20,944 |
| Cured | 17,637 | 17,857 |
| Canned | 12,786 | 13,669 |
| Reduced to meal and oil | 47,399 | 56,217 |
| Miscellaneous purposes | 2,204 | 2,205 |
| Total | 138,669 | 152,779 |

Source:--Yearbook of Fishery Statistics, 1970, Vol. 31, Food and Agriculture Organization of the United Nations. Revised data for 1970 and data for 1971 were not available when this publication went to press.

## FISH FILLETS AND STEAKS

PRODUCTION OF FISH FILLETS AND STEAKS, 1972

| Item | Fillets | | Steaks | | Total | |
|---|---|---|---|---|---|---|
| | Thousand pounds | Thousand dollars | Thousand pounds | Thousand dollars | Thousand pounds | Thousand dollars |
| Fresh . . . . | 67,420 | 55,035 | 962 | 809 | 68,382 | 55,844 |
| Frozen. . . . | 43,783 | 21,079 | 10,290 | 11,325 | 54,073 | 32,404 |
| Total . . | 111,203 | 76,114 | 11,252 | 12,134 | 122,455 | 88,248 |

## FISH STICKS, PORTIONS, AND BREADED SHRIMP

PRODUCTION OF FISH STICKS AND PORTIONS, 1960-72

| Year | Fish sticks | | Fish portions | |
|---|---|---|---|---|
| | Thousand pounds | Thousand dollars | Thousand pounds | Thousand dollars |
| 1960 . . . . . | 65,142 | 28,671 | 49,381 | 17,517 |
| 1961 . . . . . | 69,824 | 30,100 | 59,847 | 22,192 |
| 1962 . . . . . | 72,217 | 30,076 | 78,678 | 28,089 |
| 1963 . . . . . | 79,302 | 31,590 | 94,644 | 33,980 |
| 1964 . . . . . | 73,574 | 29,986 | 106,313 | 36,532 |
| 1965 . . . . . | 82,483 | 35,778 | 140,464 | 56,025 |
| 1966 . . . . . | 81,415 | 35,787 | 147,581 | 58,013 |
| 1967 . . . . . | 73,909 | 32,559 | 161,313 | 58,518 |
| 1968 . . . . . | 91,695 | 41,454 | 182,771 | 68,620 |
| 1969 . . . . . | 113,369 | 51,242 | 217,071 | 83,719 |
| 1970 . . . . . | *115,924 | 57,722 | 234,247 | 97,930 |
| 1971 . . . . . | 97,777 | 56,807 | 240,196 | 123,136 |
| 1972 . . . . . | 114,255 | *61,174 | *268,701 | *146,741 |

*Record

Note:--A fish stick, generally cut from a block of fillets, is an elongated piece of breaded fish flesh weighing not less than 3/4 of an ounce and not more than 1-1/2 ounces with the largest dimension at least three times that of the next largest dimension. A fish portion, generally cut from a block of fillets, is a piece of fish flesh generally of uniform size with a thickness of 3/8 of an inch or more, and which does not conform to the definition of a fish stick.

PRODUCTION OF BREADED SHRIMP, 1960-72

| Year | Breaded | |
|---|---|---|
| | Thousand pounds | Thousand dollars |
| 1960 . . . . . | 70,348 | 47,015 |
| 1961 . . . . . | 73,795 | 55,089 |
| 1962 . . . . . | 76,803 | 62,230 |
| 1963 . . . . . | 76,216 | 53,527 |
| 1964 . . . . . | 91,333 | 63,388 |
| 1965 . . . . . | 98,144 | 77,091 |
| 1966 . . . . . | 104,926 | 94,169 |
| 1967 . . . . . | 94,230 | 85,319 |
| 1968 . . . . . | 102,964 | 101,681 |
| 1969 . . . . . | 105,627 | 111,960 |
| 1970 . . . . . | 104,953 | 112,166 |
| 1971 . . . . . | 104,588 | 121,213 |
| 1972 . . . . . | *106,408 | *139,679 |

*Record.

Note:--Breaded shrimp are peeled shrimp coated with breading ingredients. The product may be identified as fantail (butterfly) and round with or without tail fins and last shell segments; and as portions, sticks, or steaks when prepared from a composite unit of two or more shrimp pieces, whole shrimp or a combination of both without fins or shell.

# PROCESSED FISHERY PRODUCTS

## FROZEN FISHERY PRODUCTS

FREEZINGS OF FISHERY PRODUCTS, 1971 and 1972

| Item | 1971 | 1972 | Record | |
|---|---|---|---|---|
| | | | Year | Quantity |
| | - - - - Thousand pounds - - - - | | | Thousand pounds |
| Blocks | 6,484 | 3,034 | 1955 | 7,096 |
| Fillets and steaks: | | | | |
| Cod | 734 | 1,464 | 1954 | 10,737 |
| Flounder | 980 | 1,592 | 1963 | 10,459 |
| Haddock | 1,483 | 747 | 1950 | 25,224 |
| Ocean perch | 15,359 | 15,927 | 1951 | 71,400 |
| Other | 7,487 | 14,373 | - | - |
| Round, dressed: | | | | |
| Halibut | 16,371 | 14,537 | 1962 | 43,306 |
| Salmon | 19,515 | 24,087 | 1945 | 30,009 |
| Whiting | 8,624 | 5,748 | 1951 | 45,520 |
| Other fish | 71,232 | 72,341 | - | - |
| Crabs | 7,659 | 10,018 | 1966 | 11,273 |
| Lobsters | 385 | 583 | 1950 | 1,233 |
| Shrimp | 146,691 | 141,368 | 1971 | 146,691 |
| Other shellfish | 11,340 | 9,675 | - | - |
| Bait and animal food | 47,664 | 53,451 | 1965 | 76,204 |
| Total fish and shellfish | 362,008 | 368,945 | 1970 | 388,294 |

HOLDINGS OF FROZEN FISHERY PRODUCTS, DECEMBER 31, 1971 and 1972

| Item | December 31, 1971 | December 31, 1972 | Record | |
|---|---|---|---|---|
| | | | Date and Year | Quantity |
| | - - - - Thousand pounds - - - | | | Thousand pounds |
| Blocks: | | | | |
| Cod | (1) | 34,686 | - | (1) |
| Other | 62,709 | 41,129 | Sep. 30, 1972 | 104,361 |
| Fillets and steaks: | | | | |
| Cod | 6,137 | 16,235 | Oct. 31, 1972 | 17,647 |
| Flounder | 9,301 | 8,600 | Dec. 31, 1970 | 16,082 |
| Haddock | 8,873 | 9,801 | Oct. 31, 1954 | 16,217 |
| Ocean perch | 20,743 | 17,788 | Nov. 30, 1956 | 23,934 |
| Other | 12,640 | 38,354 | - | - |
| Fish sticks and portions (cooked and uncooked, all species) | 23,248 | 34,446 | Dec. 31, 1972 | 34,446 |
| Round, dressed: | | | | |
| Halibut | 9,086 | 13,241 | Aug. 31, 1954 | 31,173 |
| Salmon | 18,590 | 20,178 | Sep. 30, 1971 | 26,812 |
| Whiting | 4,210 | 5,016 | Sep. 30, 1951 | 26,426 |
| Other fish | 21,989 | 29,728 | - | - |
| Crabs | 7,713 | 8,851 | Apr. 30, 1966 | 11,254 |
| Lobsters | 4,729 | 8,856 | Oct. 31, 1972 | 9,599 |
| Shrimp | 74,233 | 95,772 | Nov. 30, 1972 | 97,610 |
| Other shellfish | 7,417 | 14,749 | - | - |
| Bait and animal food | 10,347 | 17,662 | Jun. 30, 1965 | 22,567 |
| Total fish and shellfish | 301,965 | 415,092 | Oct. 31, 1972 | 419,330 |

1/ Included in other blocks.

## CANNED PACK

PACK OF CERTAIN CANNED PRODUCTS, 1971 AND 1972

| Item | Pounds per case | 1971 | 1972 | Record pack | |
|---|---|---|---|---|---|
| | | -Thousand standard cases-- | | Year | Thousand standard cases |
| Tuna | (1) | 22,205 | 31,055 | 1972 | 31,055 |
| Salmon | 48 | 3,509 | 1,773 | 1936 | 8,965 |
| Sardines, Maine | 23.4 | 951 | 1,563 | 1950 | 3,844 |
| Mackerel, jack and Pacific | 45 | 367 | 306 | 1947 | 1,755 |
| Crab meat | 19.5 | 165 | 123 | 1966 | 564 |
| Shrimp | 6.75 | 3,310 | 3,525 | 1970 | 3,722 |
| Clams: | | | | | |
| Whole and minced | 15 | 634 | 625 | 1967 | 689 |
| Chowder and juice | 30 | 2,049 | 2,085 | 1972 | 2,085 |
| Oysters | 7 | 484 | 400 | 1937 | 1,519 |
| Animal food and bait | 48 | 10,679 | 13,518 | 1972 | 13,518 |
| Other | Various | 1,638 | 1,519 | - | - |
| Total | - | 45,991 | 56,492 | - | - |

1/ Solid, 21 pounds; chunk, 19.5 pounds; flakes and grated, 18 pounds.

PRODUCTION OF CANNED FISHERY PRODUCTS, 1960-72

| Year | For human consumption | | For animal food and bait | | Total | |
|---|---|---|---|---|---|---|
| | Thousand pounds | Thousand dollars | Thousand pounds | Thousand dollars | Thousand pounds | Thousand dollars |
| 1960 | 660,928 | 342,747 | 422,490 | 44,848 | 1,083,418 | 387,595 |
| 1961 | 708,707 | 382,809 | 334,033 | 40,027 | 1,042,740 | 422,836 |
| 1962 | 757,302 | 410,183 | 376,408 | 46,683 | 1,133,710 | 456,866 |
| 1963 | 728,937 | 381,329 | 306,972 | 40,278 | 1,035,909 | 421,607 |
| 1964 | 742,114 | 391,026 | 353,452 | 45,634 | 1,095,566 | 436,660 |
| 1965 | 749,518 | 446,833 | 372,111 | 48,398 | 1,121,629 | 495,231 |
| 1966 | 822,369 | 507,841 | 365,178 | 55,867 | 1,187,547 | 563,708 |
| 1967 | 689,739 | 445,710 | 499,653 | 79,853 | 1,189,392 | 525,563 |
| 1968 | 782,102 | 499,923 | 484,923 | 84,621 | 1,267,025 | 583,908 |
| 1969 | 716,335 | 493,059 | 451,946 | 82,474 | 1,168,281 | 575,533 |
| 1970 | 805,178 | 632,625 | 540,713 | 109,135 | 1,345,891 | 741,760 |
| 1971 | 816,228 | 666,239 | 512,589 | 104,359 | 1,328,816 | 770,597 |
| 1972 | *916,353 | *847,612 | *648,863 | *141,717 | *1,565,216 | *989,329 |

*Record.

# PROCESSED FISHERY PRODUCTS

## FISH MEAL, OIL, AND SOLUBLES

PRODUCTION OF FISH MEAL, OIL, AND SOLUBLES, 1971 AND 1972

| Product | 1971 | 1972 | Record | |
|---|---|---|---|---|
| | | | Year | Quantity |
| | ------Thousand tons--- | | | Thousand tons |
| Meal: | | | | |
| Menhaden | 221.0 | 193.6 | 1961 | 247.6 |
| Herring, sea | 5.2 | 5.5 | 1937 | 20.5 |
| Tuna and mackerel | 29.3 | 43.2 | 1972 | 43.2 |
| Unclassified | 37.3 | 43.2 | - | - |
| Total | 292.8 | 285.5 | 1962 | 312.3 |
| | ------Thousand pounds--- | | | Thousand pounds |
| Oil: | | | | |
| Menhaden | 244,040 | 166,956 | 1971 | 244,040 |
| Herring, sea | 5,856 | 5,064 | 1937 | 42,172 |
| Tuna and mackerel | 4,933 | 5,030 | 1950 | 6,633 |
| Unclassified | 10,621 | 11,395 | - | - |
| Total | 265,450 | 188,445 | 1936 | 299,264 |
| | --------Tons------- | | | Tons |
| Fish solubles | 111,188 | 134,404 | 1959 | 165,359 |

## INDUSTRIAL PRODUCTS

PRODUCTION OF INDUSTRIAL PRODUCTS, 1960-72

| Year | Quantity | | | Value | | | |
|---|---|---|---|---|---|---|---|
| | Fish meal | Fish solubles 1/ | Marine animal oil | Fish meal, oil, and solubles | Shell products | Other industrial products | Grand total |
| | Tons | Tons | Thousand pounds | --------Thousand dollars--------- | | | |
| 1960 | 290,137 | 98,929 | 209,143 | 42,689 | 10,074 | 13,832 | 66,595 |
| 1961 | 311,265 | 112,254 | 258,118 | 51,781 | 9,362 | 13,426 | 74,569 |
| 1962 | *312,259 | 124,649 | 250,075 | 53,210 | 8,557 | 13,911 | 75,678 |
| 1963 | 255,907 | 107,402 | 185,827 | 47,842 | 7,000 | 13,759 | 68,601 |
| 1964 | 235,252 | 93,296 | 180,198 | 46,998 | 6,192 | 16,721 | 69,911 |
| 1965 | 254,051 | 94,840 | 195,440 | 56,498 | 5,576 | 20,756 | 82,830 |
| 1966 | 223,821 | 83,441 | 164,045 | 49,916 | 5,131 | 17,925 | 72,972 |
| 1967 | 211,189 | 74,675 | 122,398 | 36,738 | 4,933 | 19,356 | 61,027 |
| 1968 | 235,136 | 71,833 | 174,072 | 41,294 | 4,651 | 24,182 | 70,127 |
| 1969 | 252,664 | 81,692 | 169,785 | 53,272 | 4,170 | 25,563 | 83,005 |
| 1970 | 269,197 | 94,968 | 206,084 | 69,485 | 3,409 | 26,646 | 99,540 |
| 1971 | 292,812 | 111,188 | 265,450 | *70,377 | 4,128 | 32,046 | 106,551 |
| 1972 | 285,486 | 134,404 | 188,445 | 67,371 | 4,210 | *84,636 | *156,217 |

1/ Includes homogenized condensed fish for 1960-63. *Record (fish solubles production: 165,359 tons in 1959; marine animal oil production: 299.3 million pounds in 1936; shell products value: $17,253,000 in 1950).

## U.S. IMPORTS

IMPORTS OF FISHERY PRODUCTS, 1960-72

| Year | Edible | | Nonedible | Total |
|---|---|---|---|---|
| | Thousand pounds | Thousand dollars | Thousand dollars | Thousand dollars |
| 1960 | 1,095,014 | 310,596 | 52,685 | 363,281 |
| 1961 | 1,087,175 | 339,318 | 61,301 | 400,619 |
| 1962 | 1,255,532 | 405,832 | 83,975 | 489,807 |
| 1963 | 1,196,977 | 399,928 | 100,784 | 500,712 |
| 1964 | 1,318,099 | 433,674 | 130,569 | 564,243 |
| 1965 | 1,398,778 | 479,412 | 121,492 | 600,904 |
| 1966 | 1,593,714 | 568,091 | 151,611 | 719,702 |
| 1967 | 1,470,437 | 538,301 | 169,582 | 707,883 |
| 1968 | 1,741,365 | 643,165 | 179,504 | 822,669 |
| 1969 | 1,706,571 | 704,809 | 139,484 | 844,293 |
| 1970 | 1,873,300 | 812,530 | 224,880 | 1,037,410 |
| 1971 | 1,785,470 | 887,070 | 187,131 | 1,074,201 |
| 1972 | *2,341,138 | *1,233,292 | *261,103 | *1,494,395 |

*Record. Source:--Department of Commerce, Bureau of the Census.

IMPORTS: VALUE, DUTIES COLLECTED, AND AD VALOREM EQUIVALENT, 1960-72

| Year | Value | | Duties collected | | Average ad valorem equivalent | |
|---|---|---|---|---|---|---|
| | Fishery imports | All imports | Fishery imports | All imports | Fishery imports | All imports |
| | Thousand dollars | | | | Percent | |
| 1960 | 363,281 | 14,650,000 | 15,857 | 1,084,000 | 4.4 | 7.4 |
| 1961 | 400,619 | 14,657,000 | 16,904 | 1,057,000 | 4.2 | 7.2 |
| 1962 | 489,807 | 16,241,000 | 17,910 | 1,220,000 | 3.7 | 7.5 |
| 1963 | 500,712 | 17,014,000 | 17,660 | 1,236,000 | 3.5 | 7.3 |
| 1964 | 564,243 | 18,600,300 | 22,035 | 1,583,000 | 3.9 | 8.5 |
| 1965 | 600,904 | 21,281,800 | 22,595 | 1,639,921 | 3.8 | 7.7 |
| 1966 | 719,702 | 25,360,330 | 24,812 | 1,919,514 | 3.4 | 7.6 |
| 1967 | 707,883 | 26,733,200 | 24,709 | 2,016,400 | 3.5 | 7.5 |
| 1968 | 822,669 | 32,991,700 | 25,455 | 2,341,100 | 3.1 | 7.1 |
| 1969 | 844,293 | 35,870,400 | 25,421 | 2,551,200 | 3.0 | 7.1 |
| 1970 | 1,037,410 | 39,767,700 | 25,175 | 2,584,100 | 2.4 | 6.5 |
| 1971 | 1,074,201 | 45,545,900 | 1/22,455 | 1/2,768,000 | 2.1 | 6.1 |
| 1972 | 1,494,395 | 55,555,300 | 24,292 | 3,124,000 | 1.6 | 5.6 |

1/ These calculated duties do not include the temporary surcharge imposed by the President under Proclamation No. 4074, effective August 16, 1971 and terminating on December 20, 1971.

Source:--Department of Commerce, Bureau of the Census.

# FOREIGN TRADE

## U.S. IMPORTS

IMPORTS OF FISHERY PRODUCTS, 1971 AND 1972

| Item | 1971 | | 1972 | |
|---|---|---|---|---|
| | Thousand pounds | Thousand dollars | Thousand pounds | Thousand dollars |
| Edible fishery products: | | | | |
| Fresh and frozen: | | | | |
| Fillets: | | | | |
| Groundfish | 171,452 | 71,436 | 213,255 | 105,324 |
| Other | 114,289 | 54,557 | 171,872 | 92,514 |
| Total | 285,741 | 125,993 | 385,127 | 197,838 |
| Blocks and slabs | 311,166 | 110,243 | 355,459 | 140,978 |
| Halibut | 19,971 | 8,228 | 16,731 | 10,792 |
| Salmon | 7,684 | 6,027 | 18,696 | 11,941 |
| Tuna: | | | | |
| Albacore | 187,009 | 54,655 | 263,064 | 95,132 |
| Other | 278,788 | 51,085 | 446,235 | 94,748 |
| Loins and discs | 7,967 | 5,544 | 8,395 | 6,489 |
| Scallops (meat) | 17,387 | 21,932 | 20,820 | 36,194 |
| Lobsters: | | | | |
| Common (includes fresh-cooked meat) | 17,835 | 23,653 | 16,229 | 25,863 |
| Spiny | 41,792 | 105,717 | 43,009 | 127,490 |
| Shrimp (mostly frozen, some canned and dried) | 191,295 | 196,277 | 223,226 | 250,331 |
| Canned: | | | | |
| Salmon | 1,551 | 1,132 | 11,647 | 8,039 |
| Sardines: | | | | |
| In oil | 31,034 | 15,641 | 41,544 | 22,803 |
| Not in oil | 18,985 | 5,079 | 28,671 | 9,559 |
| Tuna: | | | | |
| In oil | 1,050 | 687 | 384 | 346 |
| Not in oil | 58,792 | 41,668 | 56,129 | 48,714 |
| Bonito and yellowtail: | | | | |
| In oil | 1,858 | 752 | 2,638 | 947 |
| Not in oil | 667 | 216 | 1,094 | 469 |
| Crab meat | 3,723 | 6,474 | 2,547 | 4,422 |
| Lobsters: | | | | |
| Common | 2,292 | 7,979 | 2,162 | 8,995 |
| Spiny | 105 | 256 | 95 | 237 |
| Oysters (mostly canned) | 9,452 | 6,545 | 20,848 | 13,763 |
| Other | 289,326 | 91,287 | 376,388 | 117,202 |
| Total edible fishery products | 1,785,470 | 887,070 | 2,341,138 | 1,233,292 |
| Nonedible fishery products: | | | | |
| Scrap and meal | 566,498 | 38,253 | 783,910 | 51,627 |
| Solubles | 546 | 28 | 686 | 36 |
| Whale oil, sperm | 45,563 | 7,323 | 5,061 | 734 |
| Other | - | 141,527 | - | 208,706 |
| Total nonedible fishery products | - | 187,131 | - | 261,103 |
| Grand total | - | 1,074,201 | - | 1,494,395 |

Note:--The data include imports into U.S. territories and possessions and landings of tuna by foreign vessels in American Samoa.

Source:--Department of Commerce, Bureau of the Census.

## U.S. IMPORTS

IMPORTS OF EDIBLE FISHERY PRODUCTS, BY CONTINENT AND COUNTRY OF ORIGIN, 1971 AND 1972

| Continent and country | 1971 | | 1972 | |
|---|---|---|---|---|
| | Thousand pounds | Thousand dollars | Thousand pounds | Thousand dollars |
| North America: | | | | |
| Canada | 506,224 | 206,164 | 551,666 | 257,708 |
| Mexico | 101,281 | 88,019 | 133,684 | 104,308 |
| Panama | 24,763 | 13,237 | 17,966 | 15,505 |
| Nicaragua | 6,074 | 7,599 | 7,195 | 10,084 |
| El Salvador | 6,731 | 6,191 | 5,745 | 6,796 |
| Honduras | 5,384 | 5,669 | 5,450 | 5,876 |
| Other | 32,851 | 21,450 | 44,692 | 27,033 |
| Total | 683,308 | 348,329 | 766,398 | 427,310 |
| South America: | | | | |
| Peru | 27,079 | 4,181 | 23,819 | 41,531 |
| Brazil | 16,123 | 17,886 | 26,917 | 28,958 |
| Venezuela | 12,094 | 13,043 | 16,906 | 16,005 |
| Ecuador | 28,728 | 11,309 | 23,534 | 14,940 |
| Guyana | 9,005 | 12,413 | 6,982 | 10,934 |
| Other | 30,724 | 20,606 | 39,795 | 2,000 |
| Total | 123,753 | 79,438 | 137,953 | 114,368 |
| Europe: | | | | |
| Norway | 109,722 | 42,720 | 128,483 | 60,711 |
| Iceland | 121,830 | 54,724 | 111,682 | 58,234 |
| Denmark | 56,204 | 22,736 | 94,728 | 44,980 |
| United Kingdom | 25,012 | 12,571 | 30,984 | 19,270 |
| Spain | 18,875 | 11,366 | 35,246 | 16,786 |
| Portugal | 8,638 | 5,608 | 15,092 | 9,220 |
| Netherlands | 6,885 | 4,547 | 12,981 | 8,277 |
| West Germany | 4,099 | 1,879 | 14,401 | 7,423 |
| Other | 19,875 | 9,506 | 56,792 | 2,116 |
| Total | 371,140 | 165,657 | 500,389 | 227,017 |
| Asia: | | | | |
| Japan | 421,534 | 144,657 | 524,317 | 215,929 |
| India | 26,852 | 17,129 | 37,176 | 32,195 |
| China, Republic of (Taiwan) | 11,440 | 5,932 | 31,694 | 17,558 |
| Thailand | 4,003 | 4,450 | 7,141 | 9,453 |
| Korea, Republic of | 4,078 | 1,631 | 18,515 | 8,293 |
| Malaysia | 7,670 | 2,829 | 16,051 | 7,115 |
| Other | 25,836 | 16,820 | 33,739 | 25,427 |
| Total | 501,413 | 193,448 | 668,633 | 315,970 |
| Australia and Oceania: | | | | |
| Australia | 17,885 | 40,534 | 20,621 | 50,861 |
| New Zealand | 5,265 | 13,486 | 5,268 | 13,557 |
| British Pacific Islands | 11,238 | 3,940 | 22,510 | 8,813 |
| Other | 6,498 | 3,092 | 24,841 | 9,170 |
| Total | 40,886 | 61,052 | 73,240 | 82,401 |
| Africa: | | | | |
| South Africa, Republic of | 15,085 | 19,623 | 56,476 | 30,488 |
| Ivory Coast | 8,799 | 2,734 | 32,112 | 9,703 |
| Canary Islands | 2,251 | 674 | 14,924 | 5,050 |
| Mauritius | 2,094 | 605 | 8,599 | 3,381 |
| Angola | 12,239 | 3,103 | 11,898 | 3,328 |
| Other | 24,502 | 12,407 | 70,516 | 14,276 |
| Total | 64,970 | 39,146 | 194,525 | 66,226 |
| Grand Total | 1,785,470 | 887,070 | 2,341,138 | 1,233,292 |

Source:--Department of Commerce, Bureau of the Census.

# FOREIGN TRADE

## U.S. IMPORTS

IMPORTS OF FISH BLOCKS AND SLABS, BY SPECIES, 1971 AND 1972

| Species | 1971 | | 1972 | |
|---|---|---|---|---|
| | Thousand pounds | Thousand dollars | Thousand pounds | Thousand dollars |
| Cod | 192,993 | 69,165 | 207,537 | 87,258 |
| Flatfish | 22,610 | 8,917 | 17,615 | 9,116 |
| Haddock | 28,924 | 11,756 | 25,905 | 12,306 |
| Pollock | 28,879 | 8,670 | 54,907 | 15,391 |
| Other | 37,760 | 11,735 | 49,495 | 16,907 |
| Total | 311,166 | 110,243 | 355,459 | 140,978 |

Source:--Department of Commerce, Bureau of the Census.

IMPORTS OF FISH BLOCKS AND SLABS BY COUNTRY OF ORIGIN, 1971 AND 1972

| Country | 1971 | | 1972 | |
|---|---|---|---|---|
| | Thousand pounds | Thousand dollars | Thousand pounds | Thousand dollars |
| Canada | 96,383 | 35,338 | 73,354 | 32,979 |
| Denmark | 35,756 | 12,909 | 56,932 | 23,647 |
| Greenland | 6,751 | 2,433 | 12,984 | 5,043 |
| Iceland | 62,690 | 23,050 | 61,568 | 25,133 |
| Norway | 57,363 | 18,068 | 61,814 | 23,333 |
| Other | 52,223 | 18,445 | 88,807 | 30,843 |
| Total | 311,166 | 110,243 | 355,459 | 140,978 |

Source:--Department of Commerce, Bureau of the Census.

IMPORTS OF GROUNDFISH FILLETS AND STEAKS, BY SPECIES, 1971 AND 1972 1/

| Species | 1971 | | 1972 | |
|---|---|---|---|---|
| | Thousand pounds | Thousand dollars | Thousand pounds | Thousand dollars |
| Cod | 80,686 | 35,945 | 98,989 | 53,193 |
| Haddock 2/ | 34,026 | 16,846 | 42,539 | 23,321 |
| Ocean perch, Atlantic | 56,740 | 18,645 | 71,727 | 28,810 |
| Total | 171,452 | 71,436 | 213,255 | 105,324 |

1/ Does not include data on fish blocks and slabs. 2/ Includes some quantities of cusk, hake, and pollock fillets.
Source:--Department of Commerce, Bureau of the Census.

## U.S. IMPORTS

QUOTA AND IMPORTS OF GROUNDFISH FILLETS AND STEAKS, 1960-72 1/

| Year | Quota 2/ | Imports | |
|---|---|---|---|
| | | Under quota 3/ | Over quota 4/ |
| | Thousand pounds | | |
| 1960 | 36,533 | 36,533 | 29,345 |
| 1961 | 32,601 | 32,601 | 43,890 |
| 1962 | 28,571 | 28,571 | 49,307 |
| 1963 | 24,875 | 24,875 | 53,623 |
| 1964 | 24,862 | 24,862 | 55,542 |
| 1965 | 24,384 | 24,384 | 55,763 |
| 1966 | 23,591 | 23,591 | 84,933 |
| 1967 | 24,883 | 24,883 | 69,180 |
| 1968 | 24,895 | 24,895 | 104,255 |
| 1969 | 26,466 | 26,466 | 133,514 |
| 1970 | 27,401 | 27,401 | 158,706 |
| 1971 | 30,329 | 30,329 | 141,123 |
| 1972 | 31,832 | 31,832 | 181,423 |

1/ Includes Atlantic ocean perch. 2/ Limited to 15 million pounds or 15 percent of the average apparent annual U.S. consumption during the three immediately preceding calendar years, whichever is the greater. 3/ Dutiable at 1.875 cents per pound. 4/ Dutiable at 2.5 cents per pound.
Source:--Data on import quotas and imports under quota from Department of Treasury, Bureau of Customs. Imports over quota calculated from imports reported by Department of Commerce, Bureau of the Census.

QUOTA AND IMPORTS OF CANNED TUNA NOT IN OIL, 1960-72

| Year | Quota 1/ | Imports | |
|---|---|---|---|
| | | Under quota 2/ | Over quota 3/ |
| | Thousand pounds | | |
| 1960 | 53,448 | 50,322 | - |
| 1961 | 57,115 | 56,210 | - |
| 1962 | 59,059 | 54,379 | - |
| 1963 | 63,131 | 56,414 | - |
| 1964 | 60,912 | 52,931 | - |
| 1965 | 66,059 | 49,204 | - |
| 1966 | 65,662 | 57,987 | - |
| 1967 | 69,472 | 62,275 | - |
| 1968 | 66,985 | 64,907 | - |
| 1969 | 71,703 | 71,333 | - |
| 1970 | 70,146 | 70,146 | 902 |
| 1971 | 77,296 | 55,638 | - |
| 1972 | 78,532 | 54,449 | - |

1/ Imports have been subject to tariff quotas since April 14, 1956, and are based on 20 percent of the previous year's domestic pack excluding American Samoa.
2/ Dutiable in 1956-67 at 12.5 percent ad valorem; 1968, 11 percent; 1969, 10 percent; 1970, 8.5 percent; 1971, 7 percent; and in 1972, 6 percent.
3/ Dutiable in 1971 at 15 percent ad valorem; and in 1972 at 12.5 percent ad valorem.
Source:--Department of the Treasury, Bureau of Customs. (Data in this table will not agree with tuna import data released by the Department of Commerce, Bureau of the Census.)

# FOREIGN TRADE

## U.S. IMPORTS

IMPORTS OF SHRIMP, BY COUNTRY OF ORIGIN, 1971 AND 1972

| Country | 1971 | | 1972 | |
|---|---|---|---|---|
| | Thousand pounds | Thousand dollars | Thousand pounds | Thousand dollars |
| North America: | | | | |
| Mexico | 74,624 | 75,274 | 80,681 | 86,471 |
| Panama | 9,316 | 9,938 | 10,105 | 13,287 |
| Nicaragua | 5,639 | 6,915 | 6,605 | 9,097 |
| El Salvador | 6,707 | 6,155 | 5,735 | 6,766 |
| Honduras | 3,942 | 3,967 | 4,811 | 5,019 |
| Trinidad and Tobago | 2,434 | 2,878 | 1,311 | 2,270 |
| Costa Rica | 2,323 | 2,250 | 1,829 | 2,112 |
| Guatemala | 2,338 | 2,392 | 2,091 | 2,101 |
| Canada | 379 | 351 | 657 | 484 |
| Canal Zone | 154 | 162 | 130 | 197 |
| Other | 123 | 191 | 194 | 287 |
| Total | 107,979 | 110,473 | 114,149 | 128,091 |
| South America: | | | | |
| Venezuela | 10,083 | 11,921 | 7,995 | 11,275 |
| Ecuador | 5,332 | 6,054 | 6,935 | 10,354 |
| Guyana | 8,981 | 12,396 | 6,906 | 10,196 |
| Brazil | 4,406 | 5,159 | 8,931 | 9,520 |
| Colombia | 4,841 | 4,891 | 5,979 | 7,794 |
| French Guiana | 3,808 | 5,561 | 3,622 | 5,671 |
| Surinam | 2,128 | 2,656 | 2,133 | 2,364 |
| Peru | 370 | 371 | 904 | 954 |
| Chile | 105 | 98 | 226 | 365 |
| Argentina | 13 | 13 | 207 | 296 |
| Other | - | - | 45 | 58 |
| Total | 40,067 | 49,120 | 43,883 | 58,847 |
| Europe: | | | | |
| Spain | 832 | 1,289 | 515 | 1,116 |
| Sweden | 8 | 12 | 399 | 502 |
| Denmark | 36 | 84 | 76 | 130 |
| United Kingdom | 86 | 152 | 131 | 115 |
| Netherlands | 29 | 29 | 56 | 65 |
| Norway | 11 | 26 | 14 | 39 |
| Iceland | 53 | 98 | 23 | 34 |
| Turkey | 7 | 11 | 8 | 7 |
| Other | 69 | 61 | 3 | 5 |
| Total | 1,131 | 1,762 | 1,225 | 2,013 |
| Asia: | | | | |
| India | 22,770 | 13,596 | 33,524 | 27,762 |
| China, Republic of (Taiwan) | 501 | 896 | 6,021 | 5,587 |
| Pakistan | 2,924 | 2,606 | 3,978 | 4,817 |
| Indonesia | 435 | 503 | 2,441 | 2,308 |
| Malaysia | 473 | 404 | 2,994 | 2,204 |
| Kuwait | 2,173 | 1,790 | 2,295 | 2,127 |
| Iran | 733 | 735 | 1,308 | 1,768 |
| Other | 5,043 | 5,674 | 7,424 | 8,112 |
| Total | 35,052 | 26,204 | 59,985 | 54,685 |
| Australia and Oceania | 3,058 | 4,662 | 1,497 | 3,392 |
| Africa | 4,008 | 4,056 | 2,487 | 3,303 |
| Grand total | 191,295 | 196,277 | 223,226 | 250,331 |

Source:--U.S. Department of Commerce, Bureau of the Census.

## U.S. IMPORTS

IMPORTS OF SHRIMP BY PRODUCT TYPES, 1971 AND 1972

| Item | 1971 | | 1972 | |
|---|---|---|---|---|
| | Thousand pounds | Thousand dollars | Thousand pounds | Thousand dollars |
| Shell-on (headless) | 123,926 | 135,411 | 126,771 | 151,906 |
| Peeled: | | | | |
| Canned | 2,742 | 2,631 | 1,123 | 1,118 |
| Not breaded: | | | | |
| Raw | 60,136 | 54,339 | 90,143 | 91,753 |
| Other | 3,279 | 2,821 | 3,866 | 4,033 |
| Breaded | 1,212 | 1,075 | 1,323 | 1,521 |
| Total | 191,295 | 196,277 | 223,226 | 250,331 |

Source:--Department of Commerce, Bureau of the Census.

IMPORTS OF FISH MEAL AND SCRAP BY COUNTRY OF ORIGIN, 1971 AND 1972

| Country | 1971 | | 1972 | |
|---|---|---|---|---|
| | Tons | Thousand dollars | Tons | Thousand dollars |
| Canada | 57,630 | 8,798 | 27,567 | 4,018 |
| Peru | 199,566 | 26,783 | 352,253 | 45,693 |
| Norway | 24,431 | 2,436 | 10,486 | 1,618 |
| Other countries | 1,622 | 236 | 1,649 | 298 |
| Total | 283,249 | 38,253 | 391,955 | 51,627 |

Source:--Department of Commerce, Bureau of the Census.

IMPORTS OF FISH SOLUBLES BY COUNTRY OF ORIGIN, 1971 AND 1972

| Country | 1971 | | 1972 | |
|---|---|---|---|---|
| | Tons | Thousand dollars | Tons | Thousand dollars |
| Canada | 273 | 28 | 341 | 33 |
| West Germany | - | - | 2 | 3 |
| Total | 273 | 28 | 343 | 36 |

Note:--Includes cod-liver solubles and fish solubles, not fit for human consumption.

Source:--Department of Commerce, Bureau of the Census.

# FOREIGN TRADE

## U.S. EXPORTS

EXPORTS OF DOMESTIC FISHERY PRODUCTS, 1960-72

| Year | Edible | | Nonedible | Total |
|---|---|---|---|---|
| | Thousand pounds | Thousand dollars | Thousand dollars | Thousand dollars |
| 1960 | 61,454 | 25,622 | 18,543 | 44,165 |
| 1961 | 40,137 | 19,594 | 15,116 | 34,710 |
| 1962 | 56,530 | 22,470 | 13,258 | 35,728 |
| 1963 | 64,745 | 30,376 | 26,229 | 56,605 |
| 1964 | 94,835 | 42,878 | 21,326 | 64,204 |
| 1965 | 96,444 | 49,308 | 20,175 | 69,483 |
| 1966 | 109,604 | 62,882 | 21,931 | 84,813 |
| 1967 | 107,940 | 67,524 | 14,685 | 82,209 |
| 1968 | 90,808 | 56,845 | 10,912 | 67,757 |
| 1969 | 140,646 | 86,474 | 18,059 | 104,533 |
| 1970 | 140,375 | 93,878 | 23,606 | 117,484 |
| 1971 | 171,816 | 113,637 | 25,608 | 139,245 |
| 1972 | 171,642 | 134,188 | 23,720 | *157,908 |

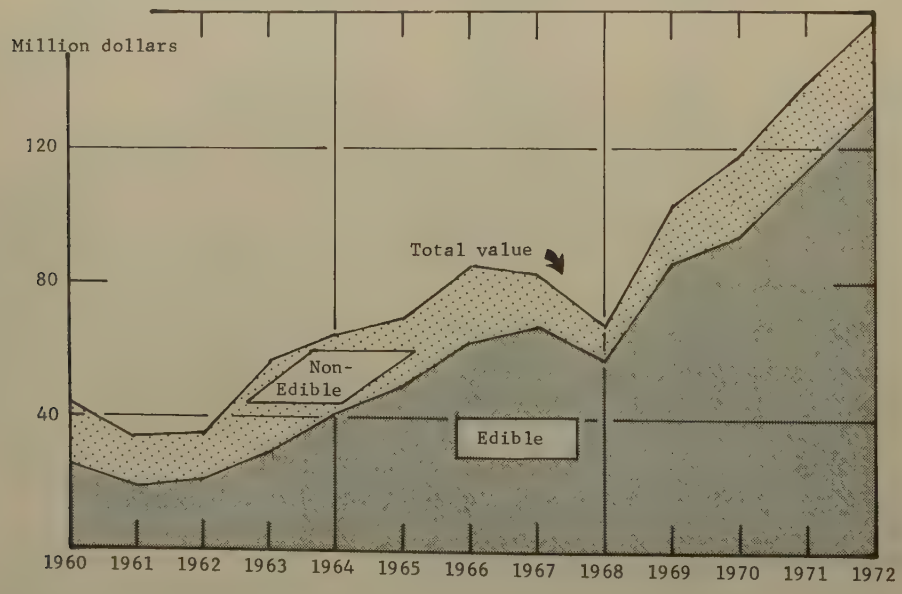
* Record. Source:--Department of Commerce, Bureau of the Census.

EXPORTS OF SELECTED DOMESTIC FISHERY PRODUCTS, 1971 AND 1972

| Item | 1971 | | 1972 | |
|---|---|---|---|---|
| | Thousand pounds | Thousand dollars | Thousand pounds | Thousand dollars |
| Fresh and frozen: | | | | |
| Salmon | 32,891 | 21,258 | 34,685 | 28,451 |
| Shrimp | 30,003 | 30,686 | 28,984 | 32,334 |
| Canned: | | | | |
| Mackerel | 78 | 9 | 65 | 13 |
| Salmon | 18,232 | 15,929 | 21,358 | 20,898 |
| Sardines | 890 | 435 | 3,030 | 1,419 |
| Shrimp | 8,334 | 9,278 | 8,450 | 10,729 |
| Squid | 10,096 | 1,339 | 10,560 | 1,411 |
| Fish oils, unclassified | 229,898 | 19,312 | 193,198 | 15,276 |

Source:--Department of Commerce. Bureau of the Census.

VALUE OF EXPORTS OF DOMESTIC FISHERY PRODUCTS, 1960-72



## U.S. EXPORTS

EXPORTS OF DOMESTIC FISHERY PRODUCTS, BY COUNTRY OF DESTINATION, 1972

| Country | Edible | | Nonedible | Total |
|---|---|---|---|---|
| | Thousand pounds | Thousand dollars | | |
| North America: | | | | |
| Canada | 33,138 | 28,737 | 1,734 | 30,471 |
| Mexico | 11,498 | 8,772 | 54 | 8,826 |
| Bahamas | 1,054 | 1,033 | 3 | 1,036 |
| Jamaica | 882 | 647 | 2 | 649 |
| Bermuda | 834 | 617 | 1 | 618 |
| Netherlands Antilles | 442 | 475 | 1 | 476 |
| Panama | 494 | 290 | 27 | 317 |
| Dominican Republic | 542 | 233 | - | 233 |
| Leeward Islands | 763 | 216 | - | 216 |
| Barbados | 119 | 103 | 1 | 104 |
| Trinidad and Tobago | 43 | 46 | 2 | 48 |
| British Honduras | 89 | 14 | 3 | 17 |
| Nicaragua | 62 | 16 | - | 16 |
| Guatemala | 19 | 14 | 1 | 15 |
| French West Indies | 8 | 11 | 4 | 15 |
| El Salvador | 10 | 10 | 1 | 11 |
| Costa Rica | 12 | 8 | 1 | 9 |
| Haiti | 4 | 2 | 4 | 6 |
| Honduras | 4 | 4 | 1 | 5 |
| Total | 50,017 | 41,248 | 1,840 | 43,088 |
| South America: | | | | |
| Venezuela | 410 | 422 | 3 | 425 |
| Brazil | 8 | 17 | 6 | 23 |
| Surinam | 14 | 16 | 1 | 17 |
| Bolivia | 12 | 16 | - | 16 |
| Chile | 1 | 2 | 10 | 12 |
| Argentina | 2 | 1 | 10 | 11 |
| Uruguay | 5 | 2 | 3 | 5 |
| Colombia | 4 | 1 | 1 | 2 |
| Peru | - | - | 1 | 1 |
| Guyana | - | - | 1 | 1 |
| Ecuador | - | - | 1 | 1 |
| Total | 456 | 477 | 37 | 514 |
| Europe: | | | | |
| United Kingdom | 26,670 | 26,120 | 1,803 | 27,923 |
| Sweden | 11,355 | 9,763 | 4,379 | 14,142 |
| France | 13,171 | 11,750 | 252 | 12,002 |
| Netherlands | 4,024 | 3,675 | 6,569 | 10,244 |
| West Germany | 13,495 | 3,499 | 3,397 | 6,896 |
| Belgium | 4,100 | 3,374 | 195 | 3,569 |
| Switzerland | 678 | 792 | 2,633 | 3,425 |
| Denmark | 1,968 | 2,068 | 134 | 2,202 |
| Norway | 897 | 756 | 754 | 1,510 |
| Greece | 8,437 | 1,432 | 13 | 1,445 |
| Italy | 589 | 483 | 140 | 623 |
| Yugoslavia | 2,441 | 576 | - | 576 |
| Spain | 823 | 201 | 76 | 277 |
| Portugal | 805 | 160 | 8 | 168 |
| Iceland | 492 | 63 | - | 63 |
| Ireland | 29 | 35 | - | 35 |
| Finland | 41 | 29 | 2 | 31 |
| Austria | 25 | 13 | 4 | 17 |

(Continued on next page)

## U.S. EXPORTS

EXPORTS OF DOMESTIC FISHERY PRODUCTS, BY COUNTRY OF DESTINATION, 1972 - Continued

| Country | Edible | | Nonedible | Total |
|---|---|---|---|---|
| | Thousand pounds | Thousand dollars | | |
| Europe - continued: | | | | |
| Malta | 18 | 8 | - | 8 |
| Cyprus | 9 | 5 | 1 | 6 |
| Union of Soviet Socialist Republics | - | - | 2 | 2 |
| Total | 90,067 | 64,802 | 20,362 | 85,164 |
| Asia: | | | | |
| Japan | 18,213 | 23,072 | 773 | 23,845 |
| Philippines | 5,528 | 721 | 1 | 722 |
| Hong Kong | 341 | 364 | 42 | 406 |
| Korea, Republic of | 1,708 | 213 | 23 | 236 |
| Lebanon | 80 | 74 | 109 | 183 |
| Singapore | 192 | 101 | - | 101 |
| Israel | 39 | 32 | 29 | 61 |
| Saudi Arabia | 39 | 33 | - | 33 |
| Bahrain | 11 | 31 | - | 31 |
| Indonesia | 57 | 27 | - | 27 |
| Nansei and Nanpo Islands | 15 | 21 | - | 21 |
| Malaysia | 29 | 21 | - | 21 |
| Iran | 15 | 16 | - | 16 |
| Kuwait | 5 | 5 | - | 5 |
| China, Republic of (Taiwan) | 2 | 4 | - | 4 |
| Qatar | 1 | 4 | - | 4 |
| Afghanistan | 2 | 2 | - | 2 |
| Jordan | 1 | 2 | - | 2 |
| Thailand | 1 | 1 | - | 1 |
| India | (1) | 1 | - | 1 |
| Total | 26,279 | 24,745 | 977 | 25,722 |
| Australia and Oceania: | | | | |
| Australia | 3,021 | 2,156 | 81 | 2,237 |
| French Pacific Islands | 226 | 224 | 1 | 225 |
| New Zealand | 183 | 198 | 1 | 199 |
| Trust Territory of the Pacific | 129 | 52 | 2 | 54 |
| New Guinea | 7 | 3 | - | 3 |
| British Pacific Islands | (1) | 1 | - | 1 |
| Total | 3,566 | 2,634 | 85 | 2,719 |
| Africa: | | | | |
| South Africa, Republic of | 45 | 55 | 417 | 472 |
| Canary Islands | 1,138 | 158 | - | 158 |
| Liberia | 33 | 21 | - | 21 |
| Libya | 13 | 17 | - | 17 |
| Angola | 5 | 7 | - | 7 |
| Egypt | 8 | 6 | - | 6 |
| Mozambique | 4 | 5 | - | 5 |
| Ghana | 5 | 5 | - | 5 |
| Zambia | 4 | 4 | - | 4 |
| Mauritius | 1 | 2 | - | 2 |
| Kenya | - | - | 2 | 2 |
| Mauritania | 1 | 1 | - | 1 |
| Gabon | (1) | 1 | - | 1 |
| Total | 1,257 | 282 | 419 | 701 |
| Grand total | 171,642 | 134,188 | 23,720 | 157,908 |

1/ Less than 500 pounds.

Source:--Department of Commerce, Bureau of the Census.

## U.S. EXPORTS

EXPORTS OF DOMESTIC AND FOREIGN SHRIMP PRODUCTS, 1971 AND 1972

| Item | 1971 | | 1972 | |
|---|---|---|---|---|
| | Thousand pounds | Thousand dollars | Thousand pounds | Thousand dollars |
| Fresh and frozen: | | | | |
| Domestic | 30,003 | 30,686 | 28,984 | 32,334 |
| Foreign | 10,475 | 15,384 | 6,095 | 9,924 |
| Total | 40,478 | 46,070 | 35,079 | 42,258 |
| Canned: | | | | |
| Domestic | 8,334 | 9,278 | 8,450 | 10,729 |
| Foreign | - | - | 8 | 10 |
| Total | 8,334 | 9,278 | 8,458 | 10,739 |
| Total: | | | | |
| Domestic | 38,337 | 39,964 | 37,434 | 43,063 |
| Foreign | 10,475 | 15,384 | 6,103 | 9,934 |
| Total | 48,812 | 55,348 | 43,537 | 52,997 |

Source:--Department of Commerce, Bureau of the Census.

EXPORTS OF DOMESTIC FRESH AND FROZEN SHRIMP, BY COUNTRY OF DESTINATION, 1971 AND 1972

| Country | 1971 | | 1972 | |
|---|---|---|---|---|
| | Thousand pounds | Thousand dollars | Thousand pounds | Thousand dollars |
| Canada | 6,134 | 7,501 | 7,748 | 10,137 |
| Mexico | 10,273 | 7,935 | 10,072 | 8,329 |
| Japan | 3,568 | 5,650 | 2,625 | 4,284 |
| Sweden | 5,743 | 5,011 | 4,096 | 4,062 |
| United Kingdom | 2,363 | 2,239 | 1,977 | 2,378 |
| Denmark | 565 | 595 | 1,126 | 1,281 |
| Bahamas | 233 | 367 | 272 | 433 |
| Jamaica | 136 | 187 | 193 | 312 |
| Netherlands | 26 | 18 | 176 | 204 |
| Other countries | 962 | 1,183 | 699 | 914 |
| Total | 30,003 | 30,686 | 28,984 | 32,334 |

Source:--Department of Commerce, Bureau of the Census.

EXPORTS OF DOMESTIC CANNED SHRIMP, BY COUNTRY OF DESTINATION, 1971 AND 1972

| Country | 1971 | | 1972 | |
|---|---|---|---|---|
| | Thousand pounds | Thousand dollars | Thousand pounds | Thousand dollars |
| Canada | 4,932 | 5,593 | 4,956 | 6,567 |
| United Kingdom | 1,672 | 1,771 | 1,651 | 1,828 |
| France | 286 | 342 | 439 | 583 |
| Switzerland | 201 | 282 | 286 | 406 |
| Sweden | 332 | 306 | 311 | 394 |
| Australia | 219 | 183 | 190 | 198 |
| Japan | 14 | 9 | 152 | 146 |
| New Zealand | 103 | 111 | 123 | 143 |
| Other countries | 575 | 681 | 342 | 464 |
| Total | 8,334 | 9,278 | 8,450 | 10,729 |

Source:--Department of Commerce, Bureau of the Census.

# FOREIGN TRADE

## U.S. EXPORTS

EXPORTS OF DOMESTIC FRESH AND FROZEN SALMON, BY COUNTRY OF DESTINATION, 1971 AND 1972

| Country | 1971 | | 1972 | |
|---|---|---|---|---|
| | Thousand pounds | Thousand dollars | Thousand pounds | Thousand dollars |
| France | 6,955 | 5,065 | 10,608 | 10,065 |
| United Kingdom | 4,872 | 3,542 | 6,232 | 5,666 |
| Sweden | 3,389 | 2,057 | 6,302 | 4,703 |
| Japan | 9,492 | 4,961 | 3,485 | 1,728 |
| Canada | 3,983 | 2,433 | 2,697 | 1,664 |
| Belgium | 1,152 | 961 | 1,502 | 1,371 |
| Netherlands | 522 | 470 | 802 | 748 |
| West Germany | 536 | 450 | 770 | 680 |
| Norway | 671 | 495 | 707 | 589 |
| Denmark | 466 | 303 | 544 | 445 |
| Australia | 260 | 86 | 312 | 180 |
| Italy | 210 | 186 | 162 | 178 |
| Other countries | 383 | 249 | 562 | 434 |
| Total | 32,891 | 21,258 | 34,685 | 28,451 |

Source:--Department of Commerce, Bureau of the Census.

EXPORTS OF DOMESTIC CANNED SARDINES, BY COUNTRY OF DESTINATION, 1971 AND 1972

| Country | 1971 | | 1972 | |
|---|---|---|---|---|
| | Thousand pounds | Thousand dollars | Thousand pounds | Thousand dollars |
| Canada | 685 | 362 | 2,191 | 1,122 |
| Dominican Republic | - | - | 323 | 87 |
| Hong Kong | - | - | 147 | 76 |
| Denmark | 15 | 6 | 48 | 24 |
| Mexico | 107 | 28 | 108 | 22 |
| Other countries | 83 | 39 | 213 | 88 |
| Total | 890 | 435 | 3,030 | 1,419 |

Source:--Department of Commerce, Bureau of the Census.

EXPORTS OF DOMESTIC CANNED MACKEREL, BY COUNTRY OF DESTINATION, 1971 AND 1972

| Country | 1971 | | 1972 | |
|---|---|---|---|---|
| | Thousand pounds | Thousand dollars | Thousand pounds | Thousand dollars |
| Canada | 57 | 5 | 25 | 5 |
| United Kingdom | - | - | 17 | 3 |
| French Pacific Islands | - | - | 9 | 2 |
| Other countries | 21 | 4 | 14 | 3 |
| Total | 78 | 9 | 65 | 13 |

Source:--Department of Commerce, Bureau of the Census.

## U.S. EXPORTS

EXPORTS OF DOMESTIC CANNED SQUID, BY COUNTRY OF DESTINATION, 1971 AND 1972

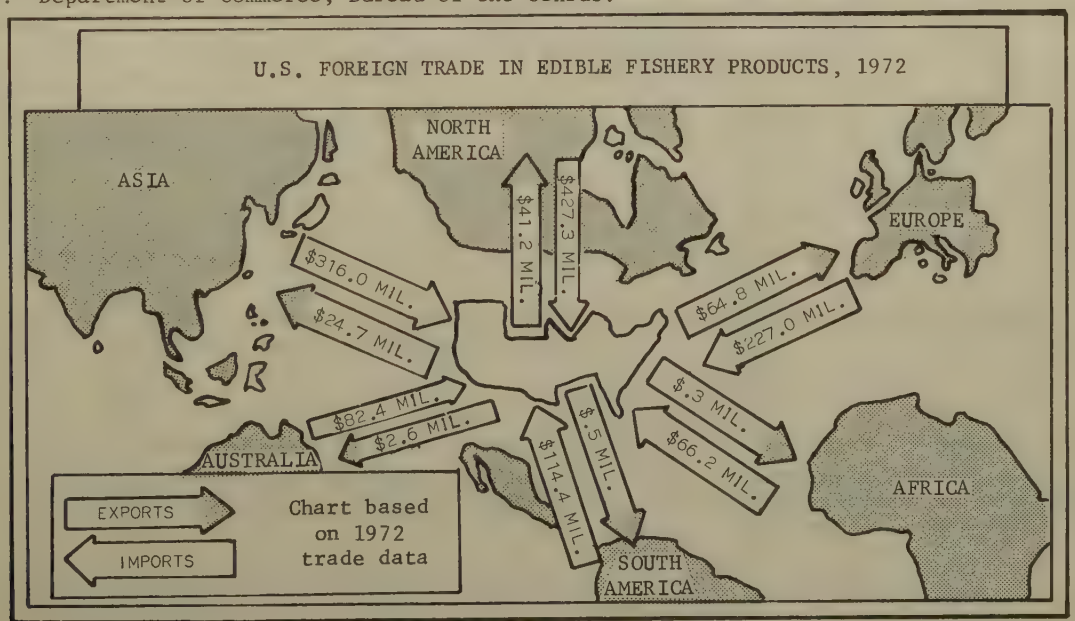
| Country | 1971 | | 1972 | |
|---|---|---|---|---|
| | Thousand pounds | Thousand dollars | Thousand pounds | Thousand dollars |
| Greece | 5,710 | 683 | 4,972 | 687 |
| Philippines | 3,113 | 512 | 4,859 | 639 |
| West Germany | 654 | 74 | 192 | 22 |
| Australia | 76 | 10 | 131 | 16 |
| Canada | 23 | 3 | 119 | 13 |
| Mexico | 5 | 1 | 80 | 9 |
| Other countries | 515 | 56 | 207 | 25 |
| Total | 10,096 | 1,339 | 10,560 | 1,411 |

Source:--Department of Commerce, Bureau of the Census.

EXPORTS OF DOMESTIC FISH AND FISH LIVER OILS, BY COUNTRY OF DESTINATION, 1971 AND 1972

| Country | 1971 | | 1972 | |
|---|---|---|---|---|
| | Thousand pounds | Thousand dollars | Thousand pounds | Thousand dollars |
| Netherlands | 124,919 | 10,527 | 82,220 | 6,555 |
| Sweden | 39,720 | 3,189 | 61,558 | 4,377 |
| West Germany | 24,966 | 2,097 | 26,250 | 2,408 |
| Norway | - | - | 9,171 | 748 |
| South Africa, Republic of | 4,591 | 392 | 4,594 | 395 |
| Canada | 960 | 118 | 2,578 | 215 |
| Belgium | - | - | 2,250 | 158 |
| Other countries | 34,742 | 2,989 | 4,577 | 420 |
| Total | 229,898 | 19,312 | 193,198 | 15,276 |

Source:--Department of Commerce, Bureau of the Census.



# SUPPLY OF FISHERY PRODUCTS

SUPPLY OF EDIBLE AND INDUSTRIAL FISHERY PRODUCTS, 1960-72
(Round weight basis)

| Year | Domestic landings | | Imports 1/ | | Total |
|---|---|---|---|---|---|
| | Million pounds | Percent | Million pounds | Percent | Million pounds |
| 1960 | 4,942 | 60.1 | 3,281 | 39.9 | 8,223 |
| 1961 | 5,187 | 54.2 | 4,383 | 45.8 | 9,570 |
| 1962 | *5,354 | 51.4 | 5,054 | 48.6 | 10,408 |
| 1963 | 4,847 | 42.4 | 6,587 | 57.6 | 11,434 |
| 1964 | 4,541 | 37.7 | 7,490 | 62.3 | 12,031 |
| 1965 | 4,777 | 45.3 | 5,758 | 54.7 | 10,535 |
| 1966 | 4,366 | 35.0 | 8,103 | 65.0 | 12,469 |
| 1967 | 4,055 | 29.0 | 9,936 | 71.0 | 13,991 |
| 1968 | 4,160 | 23.9 | *13,221 | 76.1 | *17,381 |
| 1969 | 4,337 | 36.6 | 7,510 | 63.4 | 11,847 |
| 1970 | 4,917 | 42.9 | 6,557 | 57.1 | 11,474 |
| 1971 | 4,969 | 42.3 | 6,786 | 57.7 | 11,755 |
| 1972 | 4,710 | 34.2 | 9,043 | 65.8 | 13,753 |

1/ Excludes imports of cured cod into Puerto Rico, but includes landings of foreign-caught tuna in American Samoa. *Record.

SUPPLY OF EDIBLE FISHERY PRODUCTS, 1960-72
(Round weight basis)

| Year | Domestic landings | | Imports 1/ | | Total |
|---|---|---|---|---|---|
| | Million pounds | Percent | Million pounds | Percent | Million pounds |
| 1960 | 2,498 | 58.6 | 1,766 | 41.4 | 4,264 |
| 1961 | 2,490 | 57.4 | 1,845 | 42.6 | 4,335 |
| 1962 | 2,540 | 54.6 | 2,115 | 45.4 | 4,655 |
| 1963 | 2,556 | 53.2 | 2,247 | 46.8 | 4,803 |
| 1964 | 2,497 | 51.2 | 2,376 | 48.8 | 4,873 |
| 1965 | 2,587 | 50.1 | 2,576 | 49.9 | 5,163 |
| 1966 | 2,573 | 47.4 | 2,859 | 52.6 | 5,432 |
| 1967 | 2,368 | 48.8 | 2,481 | 51.2 | 4,849 |
| 1968 | 2,347 | 42.1 | 3,232 | 57.9 | 5,579 |
| 1969 | 2,321 | 40.9 | 3,353 | 59.1 | 5,674 |
| 1970 | 2,537 | 40.8 | 3,676 | 59.2 | 6,213 |
| 1971 | 2,400 | 40.1 | 3,582 | 59.9 | 5,982 |
| 1972 | 2,310 | 34.2 | *4,454 | 65.8 | *6,764 |

1/ Excludes imports of cured cod into Puerto Rico, but includes landings of foreign-caught tuna in American Samoa. *Record. (Record U.S. landings of edible fishery products amounting to 3,307 million pounds were made in 1950.)

SUPPLY OF INDUSTRIAL FISHERY PRODUCTS, 1960-72
(Round weight basis)

| Year | Domestic landings | | Imports | | Total |
|---|---|---|---|---|---|
| | Million pounds | Percent | Million pounds | Percent | Million pounds |
| 1960 | 2,444 | 61.7 | 1,515 | 38.3 | 3,959 |
| 1961 | 2,697 | 51.5 | 2,538 | 48.5 | 5,235 |
| 1962 | *2,814 | 48.9 | 2,939 | 51.1 | 5,753 |
| 1963 | 2,291 | 34.5 | 4,340 | 65.5 | 6,631 |
| 1964 | 2,044 | 28.6 | 5,114 | 71.4 | 7,158 |
| 1965 | 2,190 | 40.8 | 3,182 | 59.2 | 5,372 |
| 1966 | 1,793 | 25.5 | 5,244 | 74.5 | 7,037 |
| 1967 | 1,687 | 18.5 | 7,455 | 81.5 | 9,142 |
| 1968 | 1,813 | 15.4 | *9,989 | 84.6 | *11,802 |
| 1969 | 2,016 | 32.7 | 4,157 | 67.3 | 6,173 |
| 1970 | 2,380 | 45.2 | 2,881 | 54.8 | 5,261 |
| 1971 | 2,569 | 44.5 | 3,204 | 55.5 | 5,773 |
| 1972 | 2,400 | 34.3 | 4,589 | 65.7 | 6,989 |

*Record.

Note:--The weights of U.S. landings and imports represent the round (live) weight of all items except univalve and bivalve mollusks (conchs, clams, oysters, scallops, etc.) which are shown in weight of meats, excluding the shell.

SUPPLY OF FISHERY PRODUCTS, 1971 AND 1972

| Item | Domestic landings | | Imports 1/ | | Total | |
|---|---|---|---|---|---|---|
| | 1971 | 1972 | 1971 | 1972 | 1971 | 1972 |
| | Million pounds, round weight | | | | | |
| Edible fishery products: | | | | | | |
| Finfish | 1,509 | 1,432 | 2,967 | 3,751 | 4,476 | 5,183 |
| Shellfish | 891 | 878 | 615 | 703 | 1,506 | 1,581 |
| Total | 2,400 | 2,310 | 3,582 | 4,454 | 5,982 | 6,764 |
| Industrial fishery products: | | | | | | |
| Finfish | 2,545 | 2,383 | 2/ 3,204 | 2/ 4,589 | 5,749 | 6,972 |
| Shellfish | 24 | 17 | (3) | (3) | 24 | 17 |
| Total | 2,569 | 2,400 | 2/ 3,204 | 2/ 4,589 | 5,773 | 6,989 |
| Total: | | | | | | |
| Finfish | 4,054 | 3,815 | 6,171 | 8,340 | 10,225 | 12,155 |
| Shellfish | 915 | 895 | 615 | 703 | 1,530 | 1,598 |
| Total | 4,969 | 4,710 | 6,786 | 9,043 | 11,755 | 13,753 |

| Item | Domestic landings | | Imports 1/ | | Total | |
|---|---|---|---|---|---|---|
| | 1971 | 1972 | 1971 | 1972 | 1971 | 1972 |
| | Million dollars | | | | | |
| Edible fishery products: | | | | | | |
| Finfish | 257 | 278 | 483 | 498 | 740 | 776 |
| Shellfish | 338 | 380 | 404 | 735 | 742 | 1,115 |
| Total | 595 | 658 | 887 | 1,233 | 1,482 | 1,891 |
| Industrial fishery products: | | | | | | |
| Finfish | 44 | 40 | 187 | 261 | 231 | 301 |
| Shellfish | 4 | 6 | (3) | (3) | 4 | 6 |
| Total | 48 | 46 | 187 | 261 | 235 | 307 |
| Total: | | | | | | |
| Finfish | 301 | 318 | 670 | 759 | 971 | 1,077 |
| Shellfish | 342 | 386 | 404 | 735 | 746 | 1,121 |
| Total | 643 | 704 | 1,074 | 1,494 | 1,717 | 2,198 |

1/ Excludes imports of edible fishery products consumed in Puerto Rico, but includes landings of foreign-caught tuna in American Samoa.
2/ Includes only fish meal and sea herring for industrial purposes.
3/ Not available.

Note:--Value of domestic landings is exvessel value. Value of imports generally is export value, packed ready for shipment to the United States.

SUPPLY OF GROUNDFISH FILLETS AND STEAKS, 1960-72 1/

| Year | U.S. production | | Imports | | Total |
|---|---|---|---|---|---|
| | Thousand pounds | Percent | Thousand pounds | Percent | Thousand pounds |
| 1960 | 93,818 | 37.6 | 155,550 | 62.4 | 249,368 |
| 1961 | 93,039 | 32.3 | 195,099 | 67.7 | 288,138 |
| 1962 | 93,625 | 29.7 | 221,420 | 70.3 | 315,045 |
| 1963 | 83,419 | 26.5 | 231,768 | 73.5 | 315,187 |
| 1964 | 75,166 | 23.4 | 246,569 | 76.6 | 321,735 |
| 1965 | 77,180 | 20.7 | 294,954 | 79.3 | 372,134 |
| 1966 | 75,418 | 19.3 | 315,097 | 80.7 | 390,515 |
| 1967 | 71,034 | 20.0 | 283,567 | 80.0 | 354,601 |
| 1968 | 55,349 | 12.4 | 390,236 | 87.6 | 445,585 |
| 1969 | 47,269 | 10.0 | 426,728 | 90.0 | 473,997 |
| 1970 | 42,894 | 8.6 | 458,762 | 91.4 | 501,656 |
| 1971 | 43,808 | 8.3 | 482,618 | 91.7 | 526,426 |
| 1972 | 35,683 | 5.9 | *568,714 | 94.1 | *604,397 |

1/ Includes Atlantic ocean perch and includes blocks and slabs.

*Record. Record U.S. production, 148,786,000 pounds in 1951.

SUPPLY OF FILLETS AND STEAKS, OTHER THAN GROUNDFISH, 1960-72

| Year | U.S. Production | | Imports | | Total |
|---|---|---|---|---|---|
| | Thousand pounds | Percent | Thousand pounds | Percent | Thousand pounds |
| 1960 | 59,348 | 49.0 | 61,713 | 51.0 | 121,061 |
| 1961 | 65,073 | 49.2 | 67,167 | 50.8 | 132,240 |
| 1962 | 76,361 | 50.0 | 76,443 | 50.0 | 152,804 |
| 1963 | 82,565 | 54.5 | 68,869 | 45.5 | 151,434 |
| 1964 | 85,955 | 53.9 | 73,554 | 46.1 | 159,509 |
| 1965 | *91,652 | 55.1 | 74,724 | 44.9 | 166,376 |
| 1966 | 90,472 | 49.4 | 92,708 | 50.6 | 183,180 |
| 1967 | 81,961 | 49.1 | 84,862 | 50.9 | 166,823 |
| 1968 | 80,163 | 42.3 | 109,163 | 57.7 | 189,326 |
| 1969 | 90,344 | 42.9 | 120,434 | 57.1 | 210,778 |
| 1970 | 90,614 | 40.0 | 136,102 | 60.0 | 226,716 |
| 1971 | 84,584 | 42.5 | 114,289 | 57.5 | 198,873 |
| 1972 | 86,772 | 33.5 | *171,872 | 66.5 | *258,644 |

*Record.

LANDINGS AND IMPORTS OF TUNA, 1962-72

| Year | U.S. Landings | | | Imports | | |
|---|---|---|---|---|---|---|
| | Atlantic, Gulf, and Pacific Coast States and Hawaii | Puerto Rico | Total | Fresh and frozen including cooked loins and discs 1/ | Canned | |
| | | | | | In oil | In brine |
| | Thousand pounds | | | | | |
| 1962. . . | 312,157 | 28,790 | 340,947 | 364,528 | 358 | 56,361 |
| 1963. . . | 321,619 | 37,026 | 358,645 | 320,910 | 224 | 57,270 |
| 1964. . . | 305,829 | 48,393 | 354,222 | 379,242 | 201 | 54,446 |
| 1965. . . | 318,895 | 54,576 | 373,471 | 378,637 | 211 | 50,750 |
| 1966. . . | 269,172 | 64,698 | 333,870 | 449,840 | 160 | 61,400 |
| 1967. . . | 328,368 | 97,882 | 426,250 | 387,142 | 186 | 65,135 |
| 1968. . . | 293,868 | 107,660 | 401,528 | 422,108 | 150 | 67,023 |
| 1969. . . | 324,884 | 96,268 | 421,152 | 414,453 | 158 | *72,958 |
| 1970. . . | *393,494 | 2/84,852 | 478,346 | 464,583 | 153 | 72,109 |
| 1971. . . | 348,040 | 2/128,770 | 476,810 | 506,602 | 1,050 | 58,792 |
| 1972. . . | 377,569 | *2/146,806 | *524,375 | *764,784 | 384 | 56,129 |

*Record. 1/ Round weight. Includes landings in American Samoa of foreign-caught fish. 2/ Includes a small quantity of fish landed in American Samoa by U.S. vessels.

SUPPLY OF CANNED TUNA, 1962-72

| Year | U.S. pack from domestic landings 1/ | | U.S. pack from imported fresh and frozen tuna 2/ | | Total | Imported canned | | Total supply |
|---|---|---|---|---|---|---|---|---|
| | Thousand pounds | Percent | Thousand pounds | Percent | Thousand pounds | | Percent | Thousand pounds |
| 1962. . . | 147,586 | 37.6 | 187,920 | 47.9 | 335,506 | 56,719 | 14.5 | 392,225 |
| 1963. . . | 160,822 | 41.8 | 165,890 | 43.2 | 326,712 | 57,494 | 15.0 | 384,206 |
| 1964. . . | 154,208 | 38.1 | 195,626 | 48.4 | 349,834 | 54,647 | 13.5 | 404,481 |
| 1965. . . | 161,515 | 39.5 | 196,890 | 48.1 | 358,405 | 50,961 | 12.4 | 409,366 |
| 1966. . . | 153,231 | 33.6 | 241,037 | 52.9 | 394,268 | 61,560 | 13.5 | 455,828 |
| 1967. . . | 183,236 | 40.3 | 205,609 | 45.3 | 388,845 | 65,321 | 14.4 | 454,166 |
| 1968. . . | 176,524 | 38.1 | 219,433 | 47.4 | 395,957 | 67,173 | 14.5 | 463,130 |
| 1969. . . | 181,786 | 38.6 | 216,651 | 45.9 | 398,437 | *73,116 | 15.5 | 471,553 |
| 1970. . . | 203,531 | 39.9 | 234,109 | 45.9 | 437,640 | 72,262 | 14.2 | 509,902 |
| 1971. . . | 194,967 | 39.1 | 243,774 | 48.9 | 438,741 | 59,842 | 12.0 | 498,583 |
| 1972. . . | *230,333 | 34.2 | *386,282 | 57.4 | *616,615 | 56,513 | 8.4 | *673,128 |

*Record. 1/ Includes pack from landings in Puerto Rico and American Samoa by U.S. vessels. 2/ Includes tuna canned in American Samoa from foreign-caught fish.

SUPPLY OF CANNED BONITO AND YELLOWTAIL, 1962-72

| Year | U.S. pack | | Imports | | | | Total supply |
|---|---|---|---|---|---|---|---|
| | | | In oil | In brine | Total | | |
| | Thousand pounds | Percent | Thousand pounds | | | Percent | Thousand pounds |
| 1962. . . | 610 | 6.5 | 6,127 | 2,600 | 8,727 | 93.5 | 9,337 |
| 1963. . . | 1,387 | 19.1 | 3,480 | 2,385 | 5,865 | 80.9 | 7,252 |
| 1964. . . | 467 | 8.6 | 3,050 | 1,940 | 4,990 | 91.4 | 5,457 |
| 1965. . . | 944 | 19.4 | 2,044 | 1,888 | 3,932 | 80.6 | 4,876 |
| 1966. . . | 4,426 | 60.8 | 1,534 | 1,320 | 2,854 | 39.2 | 7,280 |
| 1967. . . | 5,996 | 78.6 | 558 | 1,075 | 1,633 | 21.4 | 7,629 |
| 1968. . . | 4,202 | 82.5 | 547 | 346 | 893 | 17.5 | 5,095 |
| 1969. . . | 4,948 | 87.3 | 354 | 364 | 718 | 12.7 | 5,666 |
| 1970. . . | 2,815 | 69.6 | 830 | 402 | 1,232 | 30.4 | 4,047 |
| 1971. . . | 5,553 | 68.7 | 1,858 | 667 | 2,525 | 31.3 | 8,078 |
| 1972. . . | 6,633 | 64.0 | 2,638 | 1,094 | 3,732 | 36.0 | 10,365 |

# SUPPLY OF FISHERY PRODUCTS

SUPPLY OF CANNED SARDINES, 1960-72

| Year | U.S. production | | Imports | | Exports | | Total for U.S. consumption |
|---|---|---|---|---|---|---|---|
| | Maine | Pacific | In oil | Not in oil | In oil | Not in oil | |
| | Thousand pounds | | | | | | |
| 1960. . . . | 46,744 | 27,714 | 21,236 | 6,140 | 264 | 20,955 | 80,615 |
| 1961. . . . | 17,635 | 18,859 | 27,877 | 14,611 | 185 | 7,475 | 71,322 |
| 1962. . . . | 50,248 | 6,168 | 32,603 | 20,342 | 578 | 7,188 | 101,595 |
| 1963. . . . | 37,890 | 2,568 | 19,908 | 21,640 | 146 | 3,493 | 78,367 |
| 1964. . . . | 20,259 | 5,438 | 20,033 | 24,602 | 839 | 2,426 | 67,067 |
| 1965. . . . | 29,646 | 374 | 21,532 | 23,538 | (1) | 3,376 | 71,714 |
| 1966. . . . | 31,118 | 116 | 23,601 | 33,987 | (1) | 3,557 | 85,265 |
| 1967. . . . | 29,260 | (2) | 25,494 | 26,945 | (1) | 1,373 | 80,326 |
| 1968. . . . | 40,489 | (2) | 28,436 | 30,431 | (1) | 3,033 | 96,323 |
| 1969. . . . | 24,401 | - | 27,220 | 18,147 | (1) | 2,095 | 67,673 |
| 1970. . . . | 18,872 | - | 34,070 | 12,838 | (1) | 1,456 | 64,324 |
| 1971. . . . | 22,249 | - | 31,034 | 18,985 | (1) | 890 | 71,378 |
| 1972. . . . | 36,563 | - | 41,544 | 28,671 | (1) | 3,030 | 103,748 |

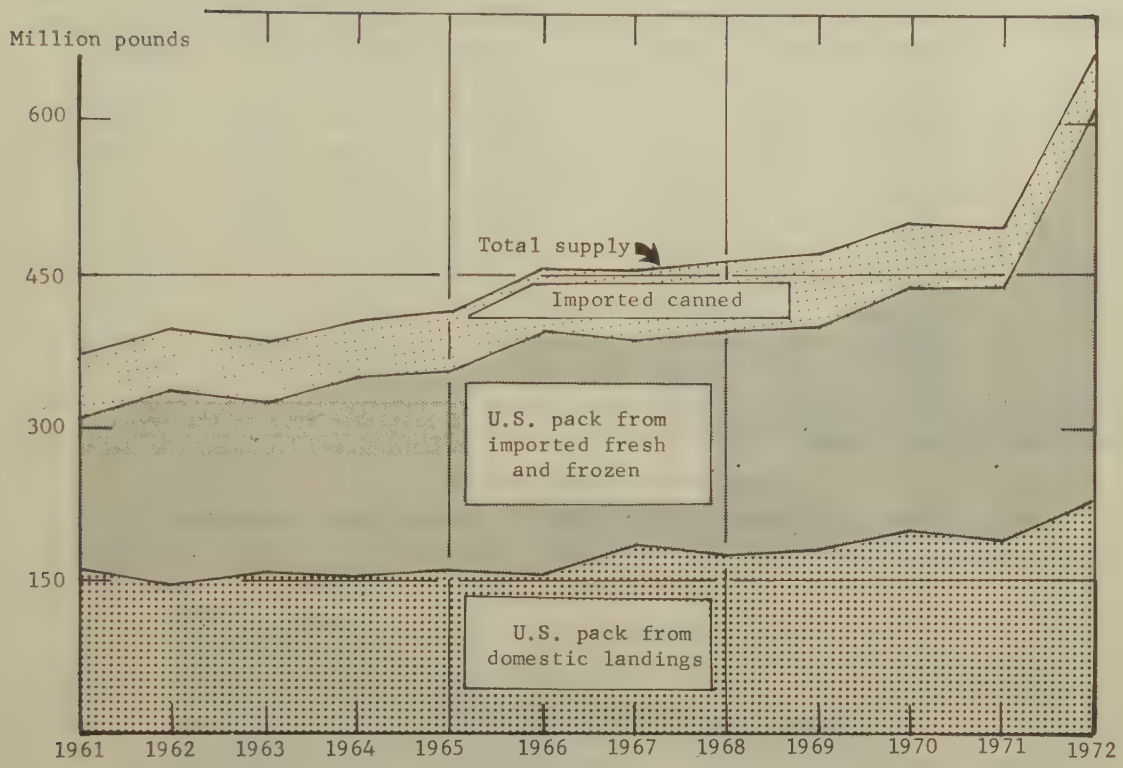
1/ Data on the pack in oil have been included with the pack not in oil. 2/ Data not available.

SUPPLY OF CANNED SALMON, 1960-72

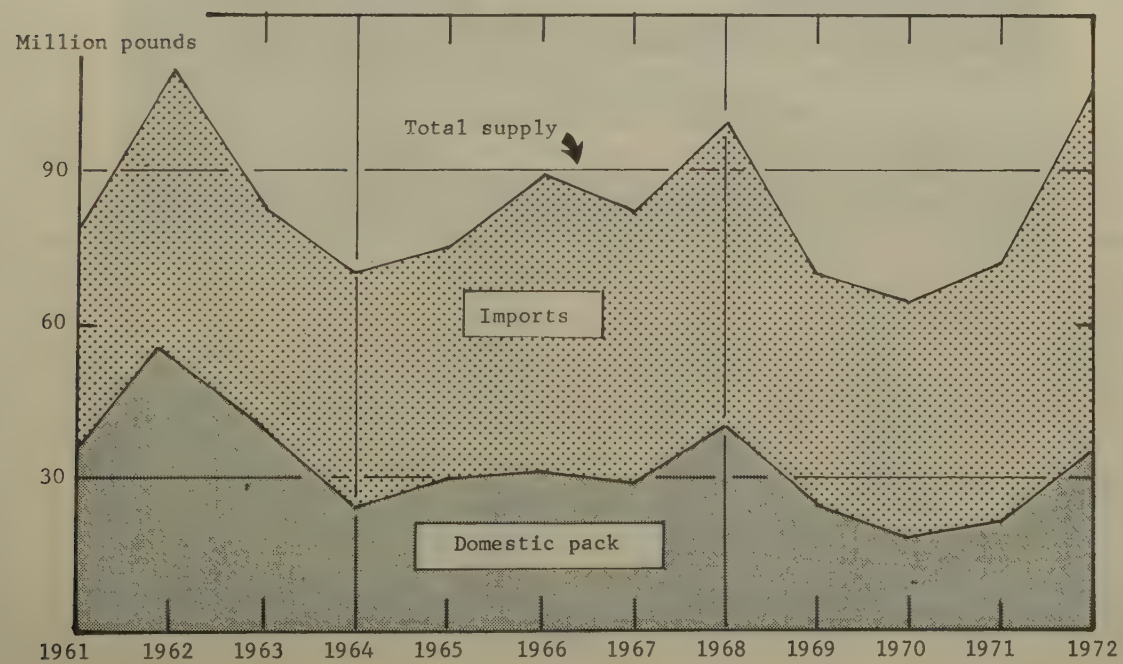
| Year | U.S. pack 1/ | Percent of total supply | Imports | Percent of total supply | Total supply | Exports | Total for U.S. consumption |
|---|---|---|---|---|---|---|---|
| | Thousand pounds | Percent | Thousand pounds | Percent | Thousand pounds | | |
| 1960. . . . | 136,049 | 87.7 | 19,113 | 12.3 | 155,162 | 11,924 | 143,238 |
| 1961. . . . | 177,443 | 96.1 | 7,167 | 3.9 | 184,610 | 7,186 | 177,424 |
| 1962. . . . | 182,435 | 96.4 | 6,843 | 3.6 | 189,278 | 8,978 | 180,300 |
| 1963. . . . | 158,153 | 99.2 | 1,250 | .8 | 159,403 | 10,228 | 149,175 |
| 1964. . . . | 180,442 | 99.9 | 236 | .1 | 180,678 | 20,924 | 159,754 |
| 1965. . . . | 174,413 | 99.9 | 101 | .1 | 174,514 | 24,892 | 149,622 |
| 1966. . . . | 209,161 | 99.7 | 589 | .3 | 209,750 | 20,484 | 189,266 |
| 1967. . . . | 99,473 | 99.9 | 121 | .1 | 99,594 | 20,543 | 79,051 |
| 1968. . . . | 165,490 | 97.1 | 4,955 | 2.9 | 170,445 | 5,726 | 164,719 |
| 1969. . . . | 122,444 | 98.2 | 2,217 | 1.8 | 124,661 | 15,536 | 109,125 |
| 1970. . . . | 183,466 | 98.7 | 2,441 | 1.3 | 185,907 | 16,811 | 169,096 |
| 1971. . . . | 168,452 | 99.1 | 1,551 | .9 | 170,003 | 18,232 | 151,771 |
| 1972. . . . | 85,106 | 88.0 | 11,647 | 12.0 | 96,753 | 21,358 | 75,395 |

1/ Record pack, 430,328,496 pounds in 1936.

SUPPLY OF CANNED TUNA, 1961-72




SUPPLY OF CANNED SARDINES, 1961-72



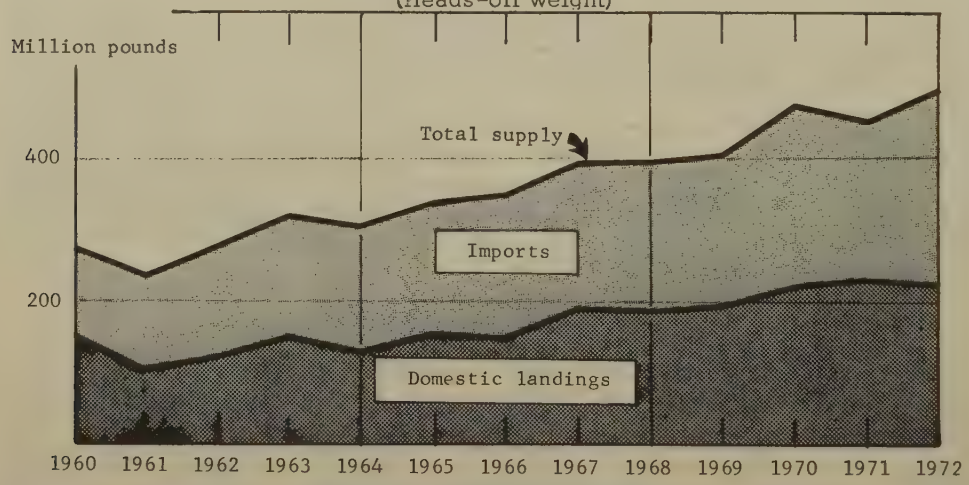
# SUPPLY OF FISHERY PRODUCTS

SUPPLY OF SHRIMP, 1960-72

| Year | U.S. landings | | | Imports 1/ | | | Total, heads-off |
|---|---|---|---|---|---|---|---|
| | Heads-on | Heads-off | Percent of total | Import weight | Heads-off | Percent of total | |
| | Thousand pounds | | Percent | Thousand pounds | | Percent | Thousand pounds |
| 1960. . . . | 249,452 | 148,483 | 55.5 | 113,418 | 119,139 | 44.5 | 267,622 |
| 1961. . . . | 174,530 | 103,865 | 43.6 | 126,268 | 134,564 | 56.4 | 238,429 |
| 1962. . . . | 191,105 | 119,154 | 43.9 | 141,183 | 152,504 | 56.1 | 271,658 |
| 1963. . . . | 240,478 | 150,737 | 47.4 | 151,530 | 167,344 | 52.6 | 318,081 |
| 1964. . . . | 211,821 | 133,113 | 44.0 | 154,577 | 169,510 | 56.0 | 302,623 |
| 1965. . . . | 243,645 | 152,346 | 46.0 | 162,942 | 178,955 | 54.0 | 331,301 |
| 1966. . . . | 239,046 | 148,255 | 43.2 | 178,549 | 194,946 | 56.8 | 343,201 |
| 1967. . . . | 307,787 | 189,972 | 48.5 | 186,073 | 202,105 | 51.5 | 392,077 |
| 1968. . . . | 299,289 | 184,065 | 46.7 | 189,455 | 210,063 | 53.3 | 394,128 |
| 1969. . . . | 318,537 | 195,002 | 47.1 | 193,741 | 218,697 | 52.9 | 413,699 |
| 1970. . . . | 367,468 | 224,272 | 47.7 | 218,715 | 245,658 | 52.3 | 469,930 |
| 1971. . . . | *387,932 | *236,328 | 52.5 | 191,295 | 213,857 | 47.5 | 450,185 |
| 1972. . . . | 384,952 | 234,432 | 48.1 | *223,226 | *253,065 | 51.9 | *487,497 |

1/ Imports were converted to heads-off weight on the basis of available data on the actual condition of the imports. *Record.

SUPPLY OF SHRIMP, 1960-72
(Heads-off weight)




SUPPLY OF CANNED SHRIMP, 1960-72

| Year | U.S. pack | Imports | Exports | | Total for U.S. consumption |
|---|---|---|---|---|---|
| | | | Domestic | Foreign | |
| | | | Thousand pounds | | |
| 1960. . . . | 14,268 | (1) | 3,482 | 34 | (1) |
| 1961. . . . | 9,284 | (1) | 2,503 | 25 | (1) |
| 1962. . . . | 13,249 | (1) | 2,212 | 44 | (1) |
| 1963. . . . | 15,904 | 2/4,120 | 3,199 | 33 | 16,792 |
| 1964. . . . | 9,740 | 3,004 | 3,692 | 25 | 9,027 |
| 1965. . . . | 15,629 | 2,248 | 4,510 | 34 | 13,333 |
| 1966. . . . | 14,201 | 1,547 | 4,479 | 33 | 11,236 |
| 1967. . . . | 16,851 | 2,225 | 5,255 | 19 | 13,802 |
| 1968. . . . | 18,967 | 4,307 | 4,467 | 20 | 18,787 |
| 1969. . . . | 20,729 | 3,583 | 5,682 | 39 | 18,591 |
| 1970. . . . | *25,125 | *3,876 | 6,076 | 50 | *22,875 |
| 1971. . . . | 22,345 | 2,742 | 8,334 | - | 16,753 |
| 1972. . . . | 23,795 | 1,123 | 8,450 | 8 | 16,460 |

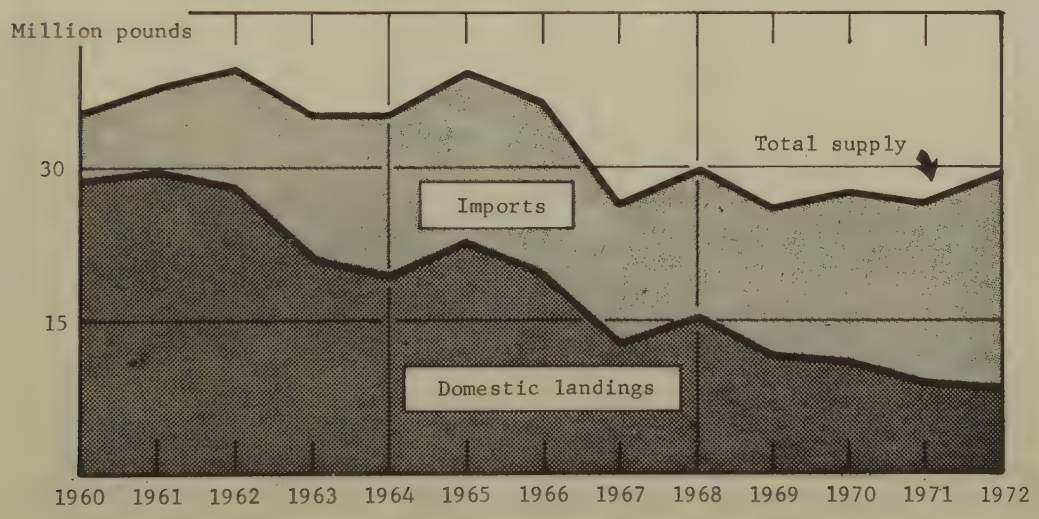
1/ Data not available. 2/ Partly estimated. *Record.

SUPPLY OF SCALLOP MEATS, 1960-72

| Year | U.S. landings | | | | Imports | Total for U.S. consumption |
|---|---|---|---|---|---|---|
| | Bay | Calico | Sea | Total | | |
| | Thousand pounds | | | | | |
| 1960. . . . | 2,031 | 112 | 26,599 | 28,742 | 6,873 | 35,615 |
| 1961. . . . | 1,708 | 26 | 27,461 | *29,195 | 8,652 | 37,847 |
| 1962. . . . | 3,159 | 17 | 24,634 | 27,810 | 11,563 | *39,373 |
| 1963. . . . | 1,517 | (1) | 19,939 | 21,456 | 13,397 | 34,853 |
| 1964. . . . | 1,887 | - | 16,914 | 18,801 | 16,175 | 34,976 |
| 1965. . . . | 1,859 | 872 | 20,070 | 22,801 | 16,495 | 39,296 |
| 1966. . . . | 1,780 | 1,857 | 15,975 | 19,612 | 16,712 | 36,324 |
| 1967. . . . | 1,097 | 1,410 | 10,243 | 12,750 | 13,461 | 26,211 |
| 1968. . . . | 1,491 | 89 | 13,818 | 15,398 | 14,581 | 29,979 |
| 1969. . . . | 2,114 | 199 | 9,312 | 11,625 | 14,322 | 25,947 |
| 1970. . . . | 1,700 | 1,833 | 7,304 | 10,837 | 16,830 | 27,667 |
| 1971. . . . | 1,455 | 1,566 | 6,264 | 9,285 | 17,387 | 26,672 |
| 1972. . . . | 479 | 1,342 | 6,995 | 8,816 | *20,820 | 29,636 |

1/ Less than 500 pounds. *Record.

SUPPLY OF SCALLOP MEATS, 1960-72



SUPPLY OF FRESH AND FROZEN SPINY LOBSTERS, 1960-72

| Year | U.S. Landings 1/ | Imports 2/ | Total |
|---|---|---|---|
| | Thousand pounds | | |
| 1960 | 3,210 | 32,346 | 35,556 |
| 1961 | 3,235 | 32,610 | 35,845 |
| 1962 | 3,664 | 35,947 | 39,611 |
| 1963 | 4,180 | 34,048 | 38,228 |
| 1964 | 4,088 | 35,104 | 39,192 |
| 1965 | 6,237 | 37,814 | 44,051 |
| 1966 | 5,844 | 36,923 | 42,767 |
| 1967 | 4,868 | 35,340 | 40,208 |
| 1968 | 7,476 | 43,062 | 50,538 |
| 1969 | 8,781 | *44,992 | 53,773 |
| 1970 | 10,345 | 37,741 | 48,086 |
| 1971 | 8,439 | 41,792 | 50,231 |
| 1972 | 11,199 | 43,009 | *54,208 |

1/ Round weight. 2/ Product weight. Consists largely of tails. *Record.

SUPPLY OF FRESH AND FROZEN AMERICAN (NORTHERN) LOBSTERS, 1960-72

| Year | U.S. landings | | | | Imports | | Total supply |
|---|---|---|---|---|---|---|---|
| | Maine | Other States | Total | Percent of total | Total 1/ | Percent of total | |
| | Thousand pounds | | | Percent | Thousand pounds | Percent | Thousand pounds |
| 1960 | 24,014 | 7,154 | 31,168 | 59.1 | 21,403 | 40.7 | *52,571 |
| 1961 | 20,918 | 7,080 | 27,998 | 56.8 | 21,299 | 43.2 | 49,297 |
| 1962 | 22,075 | 7,422 | 29,497 | 57.2 | 22,101 | 42.8 | 51,598 |
| 1963 | 22,804 | 7,470 | 30,274 | 58.1 | 21,847 | 41.9 | 52,121 |
| 1964 | 21,413 | 9,545 | 30,958 | 60.3 | 20,386 | 39.7 | 51,344 |
| 1965 | 18,862 | 11,384 | 30,246 | 61.9 | 18,597 | 38.1 | 48,843 |
| 1966 | 19,916 | 9,625 | 29,541 | 63.4 | 17,047 | 36.6 | 46,588 |
| 1967 | 16,489 | 10,256 | 26,745 | 63.2 | 15,568 | 36.8 | 42,313 |
| 1968 | 20,502 | 12,056 | 32,558 | 66.0 | 16,753 | 34.0 | 49,311 |
| 1969 | 19,835 | 13,952 | 33,787 | 65.9 | 17,447 | 34.1 | 51,234 |
| 1970 | 18,172 | 15,980 | *34,152 | 66.6 | 17,113 | 33.4 | 51,265 |
| 1971 | 17,539 | 15,808 | 33,347 | 65.2 | 17,835 | 34.8 | 51,182 |
| 1972 | 16,256 | 13,022 | 29,278 | 64.3 | 16,229 | 35.7 | 45,507 |

1/ Product weight. *Record. Record imports, 23,558,000 pounds in 1951.

SUPPLY OF CANNED CRAB MEAT, 1960-72

| Year | U.S. pack | Percent of total supply | Imports | Percent of total supply | Total supply |
|---|---|---|---|---|---|
| | Thousand pounds | Percent | Thousand pounds | Percent | Thousand pounds |
| 1960 | 4,115 | 47.7 | 4,507 | 52.3 | 8,622 |
| 1961 | 5,000 | 54.1 | 4,237 | 45.9 | 9,237 |
| 1962 | 5,621 | 61.6 | 3,505 | 38.4 | 9,126 |
| 1963 | 7,356 | 58.1 | 5,296 | 41.9 | 12,652 |
| 1964 | 6,567 | 59.3 | 4,508 | 40.7 | 11,075 |
| 1965 | 9,139 | 68.8 | 4,152 | 31.2 | 13,291 |
| 1966 | *11,002 | 83.1 | 2,233 | 16.9 | 13,235 |
| 1967 | 9,707 | 81.8 | 2,160 | 18.2 | 11,867 |
| 1968 | 4,019 | 46.4 | 4,635 | 53.6 | 8,654 |
| 1969 | 5,027 | 59.4 | 3,436 | 40.6 | 8,463 |
| 1970 | 5,097 | 64.8 | 2,765 | 35.2 | 7,862 |
| 1971 | 3,213 | 46.3 | 3,723 | 53.7 | 6,936 |
| 1972 | 2,406 | 48.6 | 2,547 | 51.4 | 4,953 |

*Record. Record imports, 13,507,000 pounds in 1939.

SUPPLY OF FISH MEAL, 1960-72

| Year | U.S. production | | Imports | | Total |
|---|---|---|---|---|---|
| | Tons | Percent | Tons | Percent | Tons |
| 1960 | 290,137 | 68.8 | 131,561 | 31.2 | 421,698 |
| 1961 | 311,265 | 58.8 | 217,845 | 41.2 | 529,110 |
| 1962 | *312,259 | 55.3 | 252,307 | 44.7 | 564,566 |
| 1963 | 255,907 | 40.5 | 376,321 | 59.5 | 632,228 |
| 1964 | 235,252 | 34.9 | 439,143 | 65.1 | 674,395 |
| 1965 | 254,051 | 48.4 | 270,589 | 51.6 | 524,640 |
| 1966 | 223,821 | 33.3 | 447,784 | 66.7 | 671.605 |
| 1967 | 211,189 | 24.5 | 651,486 | 75.5 | 862,675 |
| 1968 | 235,136 | 21.6 | *855,285 | 78.4 | *1,090,421 |
| 1969 | 252,664 | 41.4 | 358,350 | 58.6 | 611,014 |
| 1970 | 269,197 | 51.7 | 251,492 | 48.3 | 520,689 |
| 1971 | 292,812 | 50.8 | 283,249 | 49.2 | 576,061 |
| 1972 | 285,486 | 42.1 | 391,955 | 57.9 | 677,441 |

*Record.

SUPPLY OF FISH SOLUBLES, 1960-72

| Year | U.S. production 1/ | | Imports | | Total |
|---|---|---|---|---|---|
| | Tons | Percent | Tons | Percent | Tons |
| 1960 | 98,929 | 96.9 | 3,174 | 3.1 | 102,103 |
| 1961 | 112,254 | 94.3 | 6,739 | 5.7 | 118,993 |
| 1962 | 124,649 | 95.2 | 6,308 | 4.8 | 130,957 |
| 1963 | 107,402 | 93.8 | 7,112 | 6.2 | 114,514 |
| 1964 | 93,296 | 95.1 | 4,783 | 4.9 | 98,079 |
| 1965 | 94,840 | 94.6 | 5,407 | 5.4 | 100,247 |
| 1966 | 83,441 | 94.7 | 4,640 | 5.3 | 88,081 |
| 1967 | 74,675 | 95.3 | 3,669 | 4.7 | 78,344 |
| 1968 | 71,833 | 97.2 | 2,097 | 2.8 | 73,930 |
| 1969 | 81,692 | 99.8 | 161 | .2 | 81,853 |
| 1970 | 94,968 | 99.5 | 474 | .5 | 95,442 |
| 1971 | 111,188 | 99.9 | 56 | .1 | 111,244 |
| 1972 | 134,404 | 99.9 | 85 | .1 | 134,489 |

1/ Includes homogenized condensed fish for 1959-63. Note:--Imports of solubles are understood to be on a wet-weight basis except for those from the Republic of South Africa, which are believed to be on a dry-weight basis. Record: U.S. production 165,359 tons, imports 26,630 tons, and total supply 191,989 tons in 1959.

SUPPLY OF FISH OILS, 1960-72

| Year | U.S. production 1/ | Imports 2/ | Total supply | Exports 2/ | Total for U.S. consumption |
|---|---|---|---|---|---|
| | Thousand pounds | | | | |
| 1960 | 205,619 | 8,932 | 214,551 | 143,659 | 70,892 |
| 1961 | 254,596 | 8,385 | 262,981 | 122,486 | 140,495 |
| 1962 | 247,464 | 10,755 | 258,219 | 123,050 | 135,169 |
| 1963 | 183,673 | 8,579 | 192,252 | 262,342 | -70,090 |
| 1964 | 177,015 | 11,828 | 188,843 | 151,469 | 37,374 |
| 1965 | 192,773 | 5,989 | 198,762 | 103,807 | 94,955 |
| 1966 | 162,680 | 12,664 | 175,344 | 77,255 | 98,089 |
| 1967 | 119,915 | 6,952 | 126,874 | 76,816 | 50,058 |
| 1968 | 171,678 | 5,882 | 177,556 | 65,129 | 112,427 |
| 1969 | 168,049 | 4,206 | 172,255 | 196,073 | -23,818 |
| 1970 | 205,404 | 5,543 | 210,947 | 158,787 | 52,160 |
| 1971 | 265,032 | 7,512 | 272,544 | 229,898 | 42,646 |
| 1972 | 188,445 | 9,230 | 197,675 | 193,198 | 4,477 |

1/ Excludes whale and sperm oil. 2/ Excludes liver, whale, and sperm oil.

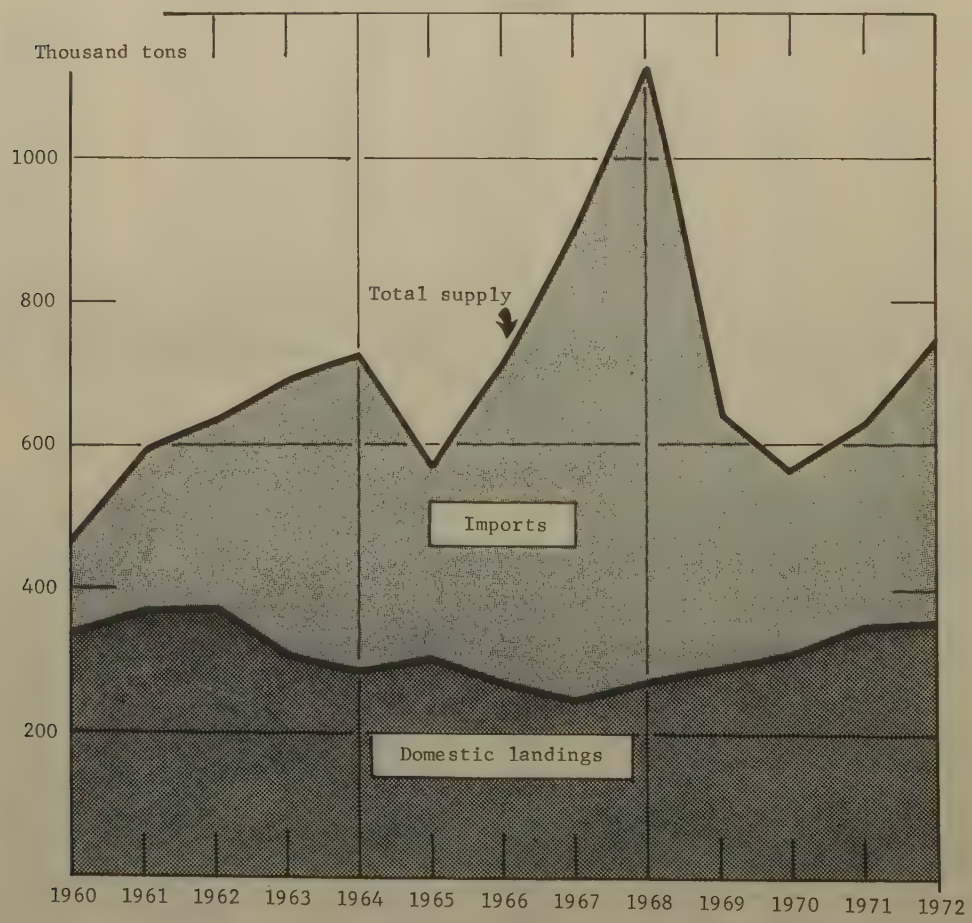
# SUPPLY OF FISHERY PRODUCTS

SUPPLY OF FISH MEAL AND SOLUBLES, 1960-72

| Year | U.S. production 1/ | | Imports | | Total |
|---|---|---|---|---|---|
| | Tons | Percent | Tons | Percent | Tons |
| 1960 | 339,601 | 71.8 | 133,349 | 28.2 | 472,950 |
| 1961 | 367,392 | 62.3 | 221,923 | 37.7 | 589,315 |
| 1962 | 374,583 | 59.4 | 256,284 | 40.6 | 630,867 |
| 1963 | 309,608 | 44.9 | 380,132 | 55.1 | 689,740 |
| 1964 | 281,900 | 38.9 | 441,889 | 61.1 | 723,789 |
| 1965 | 301,471 | 52.9 | 268,097 | 47.1 | 569,568 |
| 1966 | 265,541 | 37.1 | 449,939 | 62.9 | 715,480 |
| 1967 | 248,527 | 27.6 | 653,320 | 72.4 | 901,847 |
| 1968 | 271,053 | 24.0 | *856,171 | 76.0 | *1,127,224 |
| 1969 | 293,510 | 45.0 | 358,430 | 55.0 | 651,940 |
| 1970 | 316,681 | 55.7 | 251,729 | 44.3 | 568,410 |
| 1971 | 348,406 | 55.2 | 283,277 | 44.8 | 631,683 |
| 1972 | 352,688 | 47.4 | 391,998 | 52.6 | 744,686 |

1/ Includes homogenized condensed fish for 1960-63. Note:--Wet weight of solubles and homogenized condensed fish have been converted to dry weight by reducing their poundage by one-half.
*Record (U.S. production: 389,231 tons in 1959).

U.S. SUPPLY OF FISH MEAL AND SOLUBLES, 1960-72



PURCHASES OF FRESH, FROZEN, AND CANNED FISHERY PRODUCTS, BY DEFENSE SUBSISTENCE SUPPLY CENTERS, 1960-72

| Year | Fresh and frozen | | Canned | |
|---|---|---|---|---|
| | Thousand pounds | Thousand dollars | Thousand pounds | Thousand dollars |
| 1960 | 22,917 | 11,839 | 7,350 | 4,110 |
| 1961 | 23,450 | 12,470 | 8,615 | 4,271 |
| 1962 | 23,356 | 14,388 | 9,024 | 4,795 |
| 1963 | 23,400 | 13,017 | 7,067 | 3,512 |
| 1964 | 26,341 | 15,040 | 8,777 | 4,326 |
| 1965 | 27,712 | 18,685 | 14,145 | 7,146 |
| 1966 | 31,283 | 23,071 | 12,861 | 13,398 |
| 1967 | 32,097 | 22,991 | 14,942 | 20,259 |
| 1968 | 28,706 | 25,215 | 14,241 | 10,735 |
| 1969 | 22,000 | 20,700 | 8,080 | 9,641 |
| 1970 | 18,419 | 16,734 | 8,135 | 17,966 |
| 1971 | 17,884 | 18,895 | 10,920 | 15,243 |
| 1972 | 17,605 | 21,806 | 17,932 | 35,101 |

Note:--Armed Forces installations generally make some local purchases not included in the above data. Source:--U.S. Department of Defense.

PURCHASES OF PRINCIPAL FRESH AND FROZEN FISHERY PRODUCTS, BY DEFENSE SUBSISTENCE SUPPLY CENTERS, 1971 and 1972

| Product | 1971 | 1972 |
|---|---|---|
| | Thousand pounds | |
| Shrimp: | | |
| Raw headless | 754 | 699 |
| Peeled and deveined | 892 | 725 |
| Breaded | 4,350 | 4,097 |
| Molded and breaded | 412 | 243 |
| Total | 6,408 | 5,764 |
| Scallops | 628 | 678 |
| Oysters: | | |
| Eastern | 800 | 556 |
| Pacific | 201 | 197 |
| Total | 1,001 | 753 |
| Fillets: | | |
| Cod | 225 | 253 |
| Flounder | 1,151 | 1,144 |
| Ocean perch | 1,144 | 1,353 |
| Haddock | 254 | 173 |
| Portions: | | |
| Haddock-cod | 1,666 | 2,634 |
| Flounder-ocean perch | 2,445 | 2,308 |
| Steaks: | | |
| Halibut | 398 | 480 |
| Salmon | 138 | 97 |
| Spiny lobster tails | 815 | 592 |

Note:--Armed Forces installations generally make some local purchases not included in the above data. Source:--U.S. Department of Defense.

# PRICES

## PRICES RECEIVED BY FISHERMEN

INDEXES OF EXVESSEL PRICES FOR FISH AND SHELLFISH, BY MONTHS, 1972

(1967=100)

| Species or group | Jan. | Feb. | Mar. | Apr. | May | June |
|---|---|---|---|---|---|---|
| New England finfish: | | | | | | |
| Cod | 254.5 | 249.8 | 214.7 | 194.7 | 177.1 | 170.1 |
| Haddock | 306.4 | 245.4 | 252.8 | 208.4 | 201.0 | 205.1 |
| Yellowtail flounder | 200.3 | 219.3 | 203.0 | 202.1 | 196.7 | 185.9 |
| Other flounders | 210.1 | 210.1 | 189.9 | 151.5 | 149.3 | 148.5 |
| Ocean perch | 135.0 | 129.9 | 137.6 | 135.0 | 132.5 | 129.9 |
| Pollock | 199.8 | 264.0 | 314.6 | 247.1 | 177.7 | 182.8 |
| Whiting | 112.4 | 135.7 | 137.8 | 188.7 | 184.5 | 195.1 |
| New England finfish | 233.7 | 216.6 | 209.8 | 189.3 | 181.8 | 181.2 |
| Red snapper | 191.6 | 187.5 | 191.1 | 199.1 | 191.6 | 193.9 |
| Pacific halibut | 154.6 | 154.6 | 154.6 | 230.0 | 210.2 | 248.1 |
| Salmon: | | | | | | |
| Chinook - troll | 112.4 | 112.4 | 112.4 | 112.4 | 137.9 | 137.9 |
| Chinook - nontroll | 166.0 | 166.0 | 166.0 | 166.0 | 221.4 | 221.4 |
| Chum | 114.4 | 114.4 | 114.4 | 114.4 | 114.4 | 114.4 |
| Coho - troll | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 115.1 |
| Coho - nontroll | 153.8 | 153.8 | 153.8 | 153.8 | 153.8 | 153.8 |
| Pink | 108.4 | 108.4 | 108.4 | 108.4 | 108.4 | 108.4 |
| Sockeye | 125.4 | 125.4 | 125.4 | 125.4 | 125.4 | 125.4 |
| Salmon | 120.1 | 120.1 | 120.1 | 120.1 | 127.5 | 132.1 |
| Tuna: | | | | | | |
| Albacore | 166.5 | 166.5 | 179.7 | 179.7 | 179.7 | 179.7 |
| Skipjack | 181.2 | 181.2 | 181.2 | 181.2 | 181.2 | 181.2 |
| Bluefin | 158.8 | 167.5 | 167.5 | 167.5 | 167.5 | 167.5 |
| Yellowfin | 156.8 | 156.8 | 156.8 | 156.8 | 156.8 | 156.8 |
| Tuna | 165.9 | 166.3 | 169.1 | 169.1 | 169.1 | 169.1 |
| Edible finfish | 162.0 | 158.3 | 157.7 | 156.9 | 157.2 | 160.7 |
| Shrimp | 158.3 | 163.8 | 159.4 | 172.4 | 161.6 | 150.6 |
| Other shellfish: | | | | | | |
| Hard clams | 183.1 | 176.5 | 158.2 | 140.4 | 143.8 | 150.1 |
| Soft clams | 145.2 | 145.8 | 150.9 | 138.2 | 148.0 | 146.0 |
| Surf clams | 118.0 | 115.0 | 120.1 | 121.1 | 143.7 | 145.8 |
| Hard blue crabs | 135.4 | 192.9 | 181.1 | 142.2 | 148.9 | 145.5 |
| King crabs | 269.2 | 282.0 | 273.5 | 273.5 | 273.5 | 273.5 |
| American (northern) lobsters | 147.5 | 113.8 | 245.9 | 176.2 | 165.3 | 196.4 |
| Eastern oysters | 90.2 | 87.2 | 91.1 | 114.4 | 102.3 | 95.2 |
| Sea scallops | 210.4 | 230.4 | 242.8 | 236.5 | 241.0 | 255.0 |
| Other shellfish | 152.7 | 151.5 | 176.2 | 163.2 | 159.7 | 165.4 |
| Edible shellfish | 155.4 | 157.5 | 168.0 | 167.7 | 160.6 | 158.1 |
| Edible fish | 158.5 | 157.9 | 163.1 | 162.6 | 159.0 | 159.3 |
| Industrial fish | 111.7 | 86.6 | 86.6 | 114.9 | 126.2 | 122.2 |
| Menhaden | 111.7 | 86.6 | 86.6 | 114.9 | 126.2 | 122.2 |
| All fish | 155.3 | 153.0 | 157.8 | 159.3 | 156.7 | 156.7 |

(Continued on next page)

INDEXES OF EXVESSEL PRICES FOR FISH AND SHELLFISH, BY MONTHS, 1972 - Continued

(1967=100)

| Species or group | July | Aug. | Sept. | Oct. | Nov. | Dec. |
|---|---|---|---|---|---|---|
| New England finfish: | | | | | | |
| Cod | 174.8 | 187.7 | 200.6 | 214.7 | 239.3 | 287.4 |
| Haddock | 277.6 | 247.1 | 233.9 | 238.8 | 295.7 | 287.4 |
| Yellowtail flounder | 195.8 | 134.4 | 166.9 | 157.9 | 156.1 | 202.1 |
| Other flounders | 186.2 | 197.1 | 194.9 | 180.4 | 172.5 | 202.9 |
| Ocean perch | 145.2 | 157.9 | 160.5 | 160.5 | 147.8 | 163.0 |
| Pollock | 171.0 | 194.7 | 169.1 | 157.3 | 106.5 | 93.0 |
| Whiting | 209.9 | 184.5 | 182.4 | 186.6 | 212.0 | 163.3 |
| New England finfish | 218.4 | 198.7 | 200.5 | 200.3 | 222.7 | 235.1 |
| Red snapper | 192.2 | 198.8 | 195.5 | 199.4 | 200.5 | 216.6 |
| Pacific halibut | 264.7 | 261.2 | 230.0 | 264.0 | 297.3 | 297.3 |
| Salmon: | | | | | | |
| Chinook - troll | 137.9 | 144.2 | 148.5 | 148.5 | 148.5 | 148.5 |
| Chinook - nontroll | 221.4 | 239.8 | 239.8 | 262.0 | 254.6 | 254.6 |
| Chum | 114.4 | 218.4 | 231.5 | 375.6 | 358.1 | 358.1 |
| Coho - troll | 119.8 | 159.2 | 160.4 | 166.5 | 166.5 | 166.5 |
| Coho - nontroll | 197.8 | 263.7 | 263.7 | 285.7 | 281.3 | 281.3 |
| Pink | 108.4 | 259.4 | 275.1 | 275.1 | 275.1 | 275.1 |
| Sockeye | 191.9 | 209.0 | 211.1 | 211.1 | 211.1 | 211.1 |
| Salmon | 158.7 | 209.0 | 213.7 | 230.8 | 228.3 | 228.3 |
| Tuna: | | | | | | |
| Albacore | 179.7 | 179.7 | 179.7 | 179.7 | 179.7 | 179.7 |
| Skipjack | 181.2 | 181.2 | 181.2 | 181.2 | 181.2 | 181.2 |
| Bluefin | 167.5 | 167.5 | 167.5 | 167.5 | 167.5 | 167.5 |
| Yellowfin | 156.8 | 156.8 | 156.8 | 156.8 | 156.8 | 156.8 |
| Tuna | 169.1 | 169.1 | 169.1 | 169.1 | 169.1 | 169.1 |
| Edible finfish | 180.5 | 196.8 | 197.7 | 206.3 | 211.7 | 214.8 |
| Shrimp | 154.7 | 141.1 | 140.2 | 147.1 | 142.3 | 146.8 |
| Other shellfish: | | | | | | |
| Hard clams | 169.2 | 170.3 | 163.6 | 154.5 | 155.2 | 157.2 |
| Soft clams | 149.8 | 193.6 | 146.8 | 144.7 | 187.1 | 233.9 |
| Surf clams | 149.9 | 147.8 | 151.9 | 150.9 | 128.3 | 123.2 |
| Hard blue crabs | 145.5 | 132.0 | 140.5 | 159.1 | 167.6 | 138.8 |
| King crabs | 256.4 | 316.2 | 316.2 | 397.4 | 401.7 | 418.8 |
| American (northern) lobsters | 169.4 | 116.9 | 100.1 | 119.7 | 133.2 | 170.0 |
| Eastern oysters | 110.5 | 103.2 | 100.1 | 91.2 | 88.6 | 91.7 |
| Sea scallops | 254.1 | 272.3 | 283.6 | 288.7 | 271.0 | 254.3 |
| Other shellfish | 165.3 | 162.0 | 156.8 | 169.2 | 171.6 | 180.5 |
| Edible shellfish | 160.1 | 151.8 | 148.7 | 158.4 | 157.2 | 164.0 |
| Edible fish | 169.7 | 173.1 | 171.9 | 181.1 | 183.0 | 188.0 |
| Industrial fish | 129.5 | 139.2 | 139.2 | 167.5 | 161.8 | 163.4 |
| Menhaden | 129.5 | 139.2 | 139.2 | 167.5 | 161.8 | 163.4 |
| All fish | 166.9 | 170.8 | 169.6 | 180.2 | 181.5 | 186.3 |

Note:--Data are preliminary. Monthly prices for species representing about 70 percent of the landed value of all fish and shellfish during recent years have been combined into index groups to indicate movement of prices received by fishermen.

# PRICES

INDEXES OF EXVESSEL PRICES FOR FISH AND SHELLFISH, BY YEARS, 1968-72

(1967=100)

| Species or group | 1968 | 1969 | 1970 | 1971 | 1972 1/ |
|---|---|---|---|---|---|
| New England finfish: | | | | | |
| Cod | 90.6 | 106.0 | 140.2 | 153.3 | 213.8 |
| Haddock | 115.5 | 154.7 | 195.8 | 212.8 | 250.0 |
| Yellowtail flounder | 97.8 | 122.9 | 136.8 | 148.0 | 185.0 |
| Other flounders | 108.1 | 108.8 | 123.0 | 133.3 | 182.8 |
| Ocean perch | 98.3 | 107.9 | 125.9 | 130.1 | 144.6 |
| Pollock | 112.5 | 107.2 | 153.6 | 152.6 | 189.8 |
| Whiting | 90.3 | 116.5 | 156.0 | 126.0 | 174.4 |
| New England finfish | 102.1 | 128.3 | 157.6 | 165.6 | 207.3 |
| Red snapper | 114.2 | 149.2 | 157.6 | 163.3 | 196.5 |
| Pacific halibut | 100.6 | 143.4 | 144.6 | 137.9 | 230.6 |
| Salmon: | | | | | |
| Chinook - troll | 105.1 | 126.0 | 149.2 | 126.2 | 133.5 |
| Chinook - nontroll | 112.9 | 123.2 | 132.8 | 156.3 | 214.9 |
| Chum | 110.0 | 122.4 | 116.7 | 112.9 | 195.2 |
| Coho - troll | 110.3 | 120.2 | 138.0 | 110.6 | 124.6 |
| Coho - nontroll | 95.4 | 109.2 | 131.8 | 145.9 | 208.0 |
| Pink | 102.9 | 114.4 | 110.0 | 106.4 | 176.6 |
| Sockeye | 111.3 | 117.5 | 113.0 | 117.5 | 166.5 |
| Salmon | 108.2 | 118.6 | 124.3 | 120.8 | 167.4 |
| Tuna: | | | | | |
| Albacore | 109.2 | 115.8 | 132.2 | 156.0 | 177.5 |
| Skipjack | 115.8 | 123.3 | 142.4 | 165.9 | 181.2 |
| Bluefin | 115.1 | 121.4 | 138.4 | 157.7 | 166.8 |
| Yellowfin | 109.6 | 115.2 | 130.6 | 148.4 | 156.8 |
| Tuna | 111.4 | 117.9 | 134.7 | 155.5 | 168.6 |
| Edible finfish | 107.6 | 122.4 | 136.4 | 142.8 | 180.0 |
| Shrimp | 113.3 | 121.2 | 116.4 | 138.8 | 153.2 |
| Other shellfish: | | | | | |
| Hard clams | 105.2 | 110.3 | 115.0 | 135.9 | 160.2 |
| Soft clams | 98.4 | 103.1 | 118.7 | 137.8 | 160.8 |
| Surf clams | 105.6 | 123.2 | 121.7 | 140.9 | 134.6 |
| Hard blue crabs | 187.9 | 222.6 | 106.6 | 158.0 | 152.5 |
| King crabs | 226.0 | 230.8 | 222.0 | 268.4 | 312.7 |
| American (northern) lobsters | 99.3 | 102.5 | 114.2 | 126.8 | 154.5 |
| Eastern oysters | 98.5 | 96.0 | 98.3 | 92.0 | 97.1 |
| Sea scallops | 143.7 | 143.6 | 173.6 | 184.2 | 253.3 |
| Other shellfish | 126.7 | 131.3 | 127.6 | 143.2 | 164.5 |
| Edible shellfish | 120.1 | 126.4 | 122.2 | 141.1 | 159.0 |
| Edible fish | 114.2 | 124.5 | 128.9 | 141.9 | 168.9 |
| Industrial fish | 99.8 | 123.0 | 141.1 | 132.8 | 129.1 |
| Menhaden | 99.8 | 123.0 | 141.1 | 132.8 | 129.1 |
| All fish | 113.2 | 124.4 | 129.8 | 141.3 | 166.2 |

1/ Preliminary.

Note:--Simple averages of the 12 monthly indexes.

## WHOLESALE PRICE INDEXES

WHOLESALE PRICE INDEXES FOR EDIBLE FISH AND SHELLFISH, BY MONTHS, 1972

| Group | Jan. | Feb. | Mar. | Apr. | May | June |
|---|---|---|---|---|---|---|
| | | | Index (1967=100) | | | |
| All fish and shellfish (fresh, frozen, and canned) | 156.3 | 156.2 | 160.1 | 163.8 | 155.1 | 153.1 |
| Fresh and frozen fishery products | 168.5 | 167.7 | 172.5 | 178.2 | 164.6 | 161.4 |
| Drawn, dressed, or whole finfish | 183.7 | 163.1 | 181.8 | 189.5 | 158.7 | 166.3 |
| Processed, fresh (fish and shellfish) | 172.7 | 174.3 | 173.8 | 183.4 | 165.1 | 152.0 |
| Processed, frozen (fish and shellfish) | 154.7 | 164.3 | 165.5 | 165.9 | 168.2 | 167.9 |
| Canned fishery products | 132.0 | 133.3 | 135.3 | 135.3 | 135.9 | 136.4 |

| Group | July | Aug. | Sept. | Oct. | Nov. | Dec. |
|---|---|---|---|---|---|---|
| | | | Index (1967=100) | | | |
| All fish and shellfish (fresh, frozen, and canned) | 157.3 | 156.2 | 159.9 | 161.2 | 169.2 | 165.7 |
| Fresh and frozen fishery products | 166.8 | 164.0 | 165.8 | 167.4 | 179.2 | 174.3 |
| Drawn, dressed, or whole finfish | 178.9 | 185.7 | 194.7 | 196.7 | 232.8 | 212.1 |
| Processed, fresh (fish and shellfish) | 161.8 | 155.6 | 154.9 | 158.0 | 168.1 | 168.5 |
| Processed, frozen (fish and shellfish) | 164.1 | 158.7 | 158.1 | 158.0 | 156.1 | 155.8 |
| Canned fishery products | 138.4 | 140.3 | 148.1 | 148.9 | 149.2 | 148.4 |

Source:--U.S. Department of Labor, Bureau of Labor Statistics.

# PRICES

## WHOLESALE PRICES

AVERAGE WHOLESALE PRICES FOR EDIBLE FISH AND SHELLFISH, BY MONTHS, 1972

| Group, subgroup, and item specification | Point of pricing | Unit | Jan. | Feb. | Mar. | Apr. | May | June |
|---|---|---|---|---|---|---|---|---|
| | | | - - - - - - - - Dollars - - - - - - - - | | | | | |
| FRESH AND FROZEN FISHERY PRODUCTS: | | | | | | | | |
| Haddock, large, offshore, drawn, fresh. . . . . | Boston | lb. | .60 | .44 | .55 | .63 | .37 | .41 |
| Halibut, West., 20/80 lbs., dressed, fresh or frozen . . . . | New York | lb. | .61 | .63 | .69 | .72 | .75 | .75 |
| Salmon, king, large & medium, dressed, fresh or frozen . . . . | New York | lb. | 1.18 | 1.16 | 1.16 | 1.16 | 1.18 | 1.28 |
| Whitefish, L. Superior, drawn, fresh. . . . . | Chicago | lb. | .76 | .87 | 1.03 | .68 | .83 | .53 |
| Yellow pike, L. Michigan & Huron, round, fresh . . . . . | New York | lb. | 1.00 | 1.02 | 1.03 | 1.02 | 1.02 | 1.02 |
| PROCESSED, FRESH (Fish & Shellfish): | | | | | | | | |
| Fillets, haddock, small, skins on, 20-lb. tins. . . . . | Boston | lb. | 1.50 | 1.25 | 1.05 | 1.45 | 1.15 | 1.00 |
| Shrimp, large (26-30 count), headless, fresh. . . . . | New York | lb. | 1.95 | 2.05 | 2.10 | 2.15 | 1.93 | 1.75 |
| Oysters, shucked, standards . . . | Norfolk | gal. | 8.75 | 8.75 | 8.75 | 8.63 | 8.75 | 8.75 |
| PROCESSED, FROZEN (Fish & shellfish): | | | | | | | | |
| Fillets: Flounder, skinless, 1-lb. package. . . . . | Boston | lb. | .54 | .56 | .59 | .63 | .61 | .65 |
| Haddock, small, skins on, 1-lb. package. . . | Boston | lb. | .56 | .59 | .59 | .59 | .59 | .59 |
| Ocean perch, large, skins on, 1-lb. package. . . . . | Boston | lb. | .36 | .36 | .39 | .40 | .40 | .43 |
| Shrimp, large (26-30 count), brown, 5-lb. package . . . . . | Chicago | lb. | 1.91 | 2.05 | 2.06 | 2.03 | 2.10 | 2.06 |
| Shrimp, raw, breaded, (15-20 count), 4-lb. pkg. . . . . | Selected areas | lb. | 1.39 | 1.50 | 1.50 | 1.53 | 1.53 | 1.54 |
| Fish blocks, cod, raw, 13-1/2 - 16-lb. ctn.. . . . . | Selected areas | lb. | .47 | .47 | .47 | .47 | .46 | .46 |
| Fish sticks, cod, precooked, breaded, 1/2-1-lb. pkg.. . . . . | Selected areas | lb. | .69 | .70 | .70 | .71 | .71 | .71 |
| Fish portions, cod, raw, breaded, 6-lb. pkg. . . . . | Selected areas | lb. | .55 | .56 | .57 | .57 | .57 | .57 |
| CANNED FISHERY PRODUCTS: | | | | | | | | |
| Salmon, pink, No. 1 tall (16 oz.) 48 cans/cs . . . . . | Seattle | cs. | 36.00 | 37.00 | 37.00 | 37.00 | 37.50 | 37.50 |
| Tuna, light meat, chunk, No. 1/2 (6-1/2 oz.) 48 cans/cs . . . . . | Los Angeles | cs. | 17.10 | 17.10 | 17.60 | 17.60 | 17.60 | 17.72 |
| Mackerel, jack, California, No. 1 tall (15 oz.) 48 cans/cs . . . . | Los Angeles | cs. | 8.63 | 8.63 | 8.75 | 8.75 | 8.75 | 8.75 |
| Sardines, Maine, keyless, oil, 1/4 drawn (3-3/4 oz.) 100 cans/cs. . | New York | cs. | 16.75 | 16.75 | 16.75 | 16.75 | 16.75 | 16.75 |

(Continued on next page)

AVERAGE WHOLESALE PRICES FOR EDIBLE FISH AND SHELLFISH, BY MONTHS, 1972 - Continued

| Group, subgroup, and item specification | Point of pricing | Unit | July | Aug. | Sept. | Oct. | Nov. | Dec. |
|---|---|---|---|---|---|---|---|---|
| FRESH AND FROZEN FISHERY PRODUCTS: | | | | | | | | |
| Haddock, large, offshore, drawn, fresh. | Boston | lb. | .46 | .46 | .50 | .50 | .75 | .61 |
| Halibut, West., 20/80 lbs., dressed, fresh or frozen | New York | lb. | .85 | .90 | .91 | .95 | .95 | .93 |
| Salmon, king, large & medium, dressed, fresh or frozen | New York | lb. | 1.34 | 1.39 | 1.43 | 1.48 | 1.50 | 1.45 |
| Whitefish, L. Superior, drawn, fresh. | Chicago | lb. | .53 | .70 | .74 | .61 | .66 | .84 |
| Yellow pike, L. Michigan & Huron, round, fresh | New York | lb. | .96 | 1.01 | 1.06 | .96 | 1.00 | .99 |
| PROCESSED, FRESH (Fish & shellfish): | | | | | | | | |
| Fillets, haddock, small, skins on, 20-lb. tins. | Boston | lb. | 1.13 | 1.10 | 1.25 | 1.35 | 1.35 | 1.60 |
| Shrimp, large (26-30 count), headless, fresh. | New York | lb. | 1.85 | 1.73 | 1.60 | 1.65 | 1.79 | 1.73 |
| Oysters, shucked, standards | Norfolk | gal. | 9.25 | 9.75 | 11.00 | 10.50 | 11.00 | 11.00 |
| PROCESSED, FROZEN (Fish & shellfish): | | | | | | | | |
| Fillets: Flounder, skinless, 1-lb. package. | Boston | lb. | .66 | .69 | .72 | .72 | .75 | .75 |
| Haddock, small, skins on, 1-lb. package. | Boston | lb. | .59 | .59 | .59 | .59 | .59 | .59 |
| Ocean perch, large, skins on, 1-lb. package. | Boston | lb. | .44 | .47 | .49 | .49 | .51 | .52 |
| Shrimp, large (26-30 count), brown, 5-lb. package | Chicago | lb. | 1.93 | 1.77 | 1.75 | 1.73 | 1.68 | 1.67 |
| Shrimp, raw, breaded (15-20 count), 4-lb. pkg. | Selected areas | lb. | 1.54 | 1.50 | 1.49 | 1.50 | 1.48 | 1.48 |
| Fish blocks, cod, raw, 13-1/2 - 16-lb. ctn.. | Selected areas | lb. | .47 | .47 | .47 | .47 | .47 | .48 |
| Fish sticks, cod, precooked, breaded, 1/2-1-lb. pkg.. | Selected areas | lb. | .73 | .73 | .73 | .73 | .74 | .74 |
| Fish portions, cod, raw, breaded, 6-lb. pkg. | Selected areas | lb. | .58 | .58 | .58 | .58 | .58 | .58 |
| CANNED FISHERY PRODUCTS: | | | | | | | | |
| Salmon, pink, No. 1 tall (16 oz.) 48 cans/cs | Seattle | cs. | 37.50 | 38.00 | 44.25 | 44.25 | 44.50 | 45.00 |
| Tuna, light meat, chunk, No. 1/2 (6-1/2 oz.) 48 cans/cs | Los Angeles | cs. | 18.23 | 18.35 | 18.35 | 18.60 | 18.60 | 18.60 |
| Mackerel, jack, California, No. 1 tall (15 oz.) 48 cans/cs | Los Angeles | cs. | 8.88 | 8.88 | 8.88 | 9.00 | 9.00 | 9.00 |
| Sardines, Maine, keyless, oil, 1/4 drawn (3-3/4 oz.) 100 cans/cs. | New York | cs. | 16.75 | 17.55 | 17.30 | 17.10 | 17.10 | 15.75 |

Note:--Represent average prices for one day (Monday or Tuesday) during the week in which the 13th of the month occurs. These prices are published as indicators of movement and not necessarily absolute level. Daily Market News Service "Fishery Products Reports" should be referred to for actual prices.

Source:--U.S. Department of Labor, Bureau of Labor Statistics.

# PRICES

## RETAIL PRICES

Estimated retail prices of fishery products are collected by the Bureau of Labor Statistics of the U. S. Department of Labor for use in the food component of the Consumer Price Index.

The Consumer Price Index (CPI) is based on prices from a sample of 39 standard Metropolitan Statistical Areas and 17 small cities collected to represent all urban areas of the United States, ranging in size from cities with a population of 2,500 to New York City. Agents collect monthly food prices from chain and independent retail food stores that voluntarily report their selling prices. Prices are those in effect on the day of the agent's visit and include any sale or weekend special prices which are offered on that day. The Bureau's agents use a description defining the quality or grade and size range for each food for which prices are collected. All prices are converted to a standard unit and population weights are employed in obtaining U. S. average prices for all areas combined.

RETAIL PRICES OF FISHERY PRODUCTS, BY MONTHS, 1971 AND 1972

| Item | | Jan. | Feb. | Mar. | April | May | June |
|---|---|---|---|---|---|---|---|
| CONSUMER PRICE INDEX FOR FISH (1967=100) | 1971 | 125.4 | 127.0 | 127.7 | 128.6 | 129.4 | 130.3 |
| | 1972 | 134.7 | 137.0 | 138.3 | 139.8 | 140.2 | 141.3 |
| RETAIL PRICES, U.S. AVERAGES: | | | | Cents per unit | | | |
| Shrimp, frozen, 10 oz. (41 cities) | 1971 | 99.0 | 100.9 | 101.3 | 101.8 | 103.0 | 103.9 |
| | 1972 | 109.0 | 111.5 | 113.5 | 115.7 | 116.8 | 117.7 |
| Ocean Perch, fillet, frozen, lb. (38 cities) | 1971 | 69.1 | 70.9 | 71.7 | 72.7 | 73.5 | 73.7 |
| | 1972 | 73.4 | 73.7 | 72.5 | 73.1 | 73.3 | 73.8 |
| Haddock fillet, frozen, lb. (33 cities) | 1971 | 93.8 | 96.4 | 98.4 | 98.9 | 100.0 | 101.2 |
| | 1972 | 102.4 | 102.7 | 102.9 | 103.4 | 104.0 | 104.9 |
| Tuna, 6-1/2 oz. can (44 cities) | 1971 | 43.3 | 43.6 | 43.9 | 44.3 | 44.2 | 44.4 |
| | 1972 | 44.1 | 44.7 | 45.2 | 45.6 | 45.8 | 45.9 |
| Sardines, 4 oz. can (43 cities) | 1971 | 19.3 | 19.6 | 19.7 | 19.8 | 20.0 | 20.4 |
| | 1972 | 21.6 | 21.6 | 21.4 | 21.6 | 21.7 | 21.8 |

| Item | | July | Aug. | Sept. | Oct. | Nov. | Dec. |
|---|---|---|---|---|---|---|---|
| CONSUMER PRICE INDEX FOR FISH (1967=100) | 1971 | 131.0 | 131.9 | 132.5 | 132.8 | 132.9 | 133.1 |
| | 1972 | 142.0 | 142.8 | 144.4 | 145.8 | 148.0 | 148.6 |
| RETAIL PRICES, U.S. AVERAGES: | | | | Cents per unit | | | |
| Shrimp, frozen, 10 oz. (41 cities) | 1971 | 105.4 | 106.1 | 106.8 | 107.1 | 107.8 | 107.1 |
| | 1972 | 118.2 | 118.6 | 119.7 | 119.5 | 121.9 | 121.8 |
| Ocean perch, fillet, frozen, lb. (38 cities) | 1971 | 73.5 | 73.3 | 73.2 | 73.7 | 72.2 | 71.8 |
| | 1972 | 75.2 | 77.1 | 78.0 | 82.1 | 84.6 | 85.1 |
| Haddock fillet, frozen, lb. (33 cities) | 1971 | 101.8 | 101.6 | 101.8 | 102.0 | 102.4 | 101.8 |
| | 1972 | 105.3 | 106.9 | 108.4 | 108.8 | 112.0 | 113.7 |
| Tuna, 6-1/2 oz. can (44 cities) | 1971 | 44.2 | 44.2 | 44.3 | 44.1 | 43.9 | 44.1 |
| | 1972 | 45.7 | 45.3 | 45.6 | 46.0 | 46.1 | 46.4 |
| Sardines, 4 oz. can (43 cities) | 1971 | 20.5 | 20.8 | 21.0 | 21.1 | 21.2 | 21.4 |
| | 1972 | 21.9 | 22.1 | 22.6 | 22.7 | 22.9 | 23.0 |

Source:--Department of Labor, Bureau of Labor Statistics.

VALUE OF PROCESSED FISHERY PRODUCTS AT PROCESSOR'S LEVEL, 1971 AND 1972

(Processed from domestic catch and imported products)

| Item | 1971 | | 1972 1/ | |
|---|---|---|---|---|
| | Thousand dollars | Percent of total | Thousand dollars | Percent of total |
| Canned | 770,597 | 41.6 | 989,329 | 43.5 |
| Fish: | | | | |
| Fillets and steaks | 75,445 | 4.1 | 88,248 | 3.9 |
| Sticks | 56,807 | 3.1 | 61,174 | 2.7 |
| Portions | 123,136 | 6.6 | 146,741 | 6.4 |
| Breaded shrimp | 121,213 | 6.5 | 139,679 | 6.1 |
| Other (fish and shellfish) | 519,324 | 28.0 | 615,612 | 27.0 |
| Cured | 78,958 | 4.3 | 80,000 | 3.5 |
| Industrial products 2/ | 106,551 | 5.8 | 156,217 | 6.9 |
| Total | 1,852,031 | 100.0 | 2,277,000 | 100.0 |

1/ Preliminary.
2/ Does not include the value of imported fish meal that may be further processed, or the value of sealskins.

ESTIMATED VALUE OF FISHERY PRODUCTS AT VARIOUS LEVELS, 1971 AND 1972

| Level | 1971 1/ | | | 1972 2/ | | |
|---|---|---|---|---|---|---|
| | Domestic | Imports | Total | Domestic | Imports | Total |
| | Million dollars | | | | | |
| Processor (fishermen) | 643 | - | 643 | 704 | - | 704 |
| Import (declared value) | - | 1,074 | 1,074 | - | 1,494 | 1,494 |
| Processor | 1,264 | 3/ 588 | 1,852 | 1,430 | 3/ 847 | 2,277 |
| Wholesale | 4/1,388 | 5/1,762 | 3,150 | 4/1,575 | 5/2,240 | 3,815 |
| Retail | 4/1,968 | 6/2,289 | 4,257 | 4/2,127 | 6/2,575 | 4,702 |

1/ Revised.
2/ Preliminary.
3/ Estimated value of products processed in the United States from imported raw material.
4/ Estimated on the basis of actual and estimated weighted average mark-ups for each of the 17 most important species of fish and shellfish and on an overall estimated mark-up for the remaining species.
5/ Calculated by using the value at the processor level, of products processed in the United States from imports, plus the declared value of all United States imports except those further processed in the United States, and multiplying by an estimated average mark-up factor.
6/ Represents the wholesale value of imported fishery products multiplied by an estimated overall mark-up factor.

# PER CAPITA UTILIZATION

Per capita utilization of all commercially caught fish and shellfish is based on the total supply of fishery products, both edible and industrial, (see p. 50) on a round-weight equivalent basis, without taking into consideration beginning or ending stocks, exports, defense purchases, or shipments to U.S. territories.

Per capita utilization figures are not comparable with per capita consumption data (see pp. 71-73). Per capita consumption figures are derived from using an edible (for human use) meat-weight basis rather than round weight. In addition, the determination of consumption includes allowances for beginning and ending stocks, exports, defense purchases, and shipments to U.S. territories, whereas the determination of utilization does not include such allowances.

Per capita utilization is derived by using total population including armed forces overseas and per capita consumption is derived by using civilian resident population as of July 1 each year.

TOTAL PER CAPITA UTILIZATION, 1950-72

| Year | Total population including armed forces overseas | Total U.S. supply 1/ | Per capita utilization | | |
|---|---|---|---|---|---|
| | | | Domestic catch | Imports | Total |
| | Million persons | Million pounds | Pounds | | |
| 1950 | 152.3 | 6,547 | 32.2 | 10.8 | 43.0 |
| 1951 | 154.9 | 6,757 | 28.6 | 15.0 | 43.6 |
| 1952 | 157.6 | 7,636 | 28.1 | 20.4 | 48.5 |
| 1953 | 160.2 | 7,015 | 28.0 | 15.8 | 43.8 |
| 1954 | 163.0 | 7,593 | 29.2 | 17.4 | 46.6 |
| 1955 | 165.9 | 7,121 | 29.0 | 13.9 | 42.9 |
| 1956 | 168.9 | 7,569 | 31.2 | 13.6 | 44.8 |
| 1957 | 172.0 | 7,164 | 27.9 | 13.8 | 41.7 |
| 1958 | 174.9 | 7,526 | 27.1 | 15.9 | 43.0 |
| 1959 | 177.8 | 8,460 | 28.8 | 18.8 | 47.6 |
| 1960 | 180.7 | 8,223 | 27.3 | 18.2 | 45.5 |
| 1961 | 183.7 | 9,570 | 28.2 | 23.9 | 52.1 |
| 1962 | 186.5 | 10,408 | 28.7 | 27.1 | 55.8 |
| 1963 | 189.2 | 11,434 | 25.6 | 34.8 | 60.4 |
| 1964 | 191.9 | 12,031 | 23.7 | 39.0 | 62.7 |
| 1965 | 194.3 | 10,535 | 24.6 | 29.6 | 54.2 |
| 1966 | 196.6 | 12,469 | 22.2 | 41.2 | 63.4 |
| 1967 | 198.7 | 13,991 | 20.4 | 50.0 | 70.4 |
| 1968 | 200.7 | 17,381 | 20.7 | 65.9 | 86.6 |
| 1969 | 202.7 | 11,847 | 21.4 | 37.0 | 58.4 |
| 1970 | 204.9 | 11,474 | 24.0 | 32.0 | 56.0 |
| 1971 | 207.0 | 11,755 | 24.0 | 32.8 | 56.8 |
| 1972 2/ | 208.8 | 13,753 | 22.6 | 43.3 | 65.9 |

1/ Includes commercial landings of both edible and industrial fishery products on a round weight basis. "Total supply" is not adjusted for beginning and ending stocks, exports, defense purchases, or shipments to U.S. territories.
2/ Preliminary.

# PER CAPITA CONSUMPTION

Per capita consumption of fishery products in 1972 reached 12.2 pounds, edible meat, tying the record set in 1927. The 1972 per capita consumption was 0.8 pound more than in 1971. This increase was due to increased consumption of fresh and frozen products and canned products, especially tuna. Additional supplies were made available through a 24 percent increase in imports of fresh and frozen fillets, steaks, and blocks and a 40 percent increase in the U.S. production of canned tuna.

PER CAPITA CONSUMPTION OF COMMERCIALLY-CAUGHT FISH AND SHELLFISH, 1950-72

| Year | Civilian resident population July 1 | Per capita consumption | | | |
|---|---|---|---|---|---|
| | | Fresh and Frozen | Canned | Cured | Total |
| | Million persons | Pounds, edible meat | | | |
| 1950 | 150.8 | 6.3 | 4.9 | 0.6 | 11.8 |
| 1951 | 151.6 | 6.3 | 4.3 | .6 | 11.2 |
| 1952 | 153.9 | 6.2 | 4.3 | .7 | 11.2 |
| 1953 | 156.6 | 6.4 | 4.3 | .7 | 11.4 |
| 1954 | 159.7 | 6.2 | 4.3 | .7 | 11.2 |
| 1955 | 163.0 | 5.9 | 3.9 | .7 | 10.5 |
| 1956 | 166.1 | 5.7 | 4.0 | .7 | 10.4 |
| 1957 | 169.1 | 5.5 | 4.0 | .7 | 10.2 |
| 1958 | 172.2 | 5.7 | 4.3 | .6 | 10.6 |
| 1959 | 175.3 | 5.9 | 4.4 | .6 | 10.9 |
| 1960 | 178.1 | 5.7 | 4.0 | .6 | 10.3 |
| 1961 | 181.1 | 5.9 | 4.3 | .5 | 10.7 |
| 1962 | 183.7 | 5.8 | 4.3 | .5 | 10.6 |
| 1963 | 186.5 | 5.8 | 4.4 | .5 | 10.7 |
| 1964 | 189.1 | 5.9 | 4.1 | .5 | 10.5 |
| 1965 | 191.6 | 6.0 | 4.4 | .5 | 10.9 |
| 1966 | 193.4 | 6.1 | 4.3 | .5 | 10.9 |
| 1967 | 195.3 | 5.8 | 4.3 | .5 | 10.6 |
| 1968 | 197.1 | 6.2 | 4.3 | .5 | 11.0 |
| 1969 | 199.1 | 6.6 | 4.2 | .4 | 11.2 |
| 1970 | 201.7 | 6.9 | 4.5 | .4 | 11.8 |
| 1971 | 204.3 | 6.6 | 4.3 | .5 | 11.4 |
| 1972 1/ | 206.5 | 6.9 | 4.9 | .4 | 12.2 |

1/ Preliminary.

# PER CAPITA CONSUMPTION

PER CAPITA CONSUMPTION OF CANNED FISHERY PRODUCTS, 1950-72

| Year | Salmon | Sardines | Tuna | Shellfish | Other | Total |
|---|---|---|---|---|---|---|
| | Pounds | | | | | |
| 1950 | 1.4 | 1.4 | 1.1 | 0.4 | 0.6 | 4.9 |
| 1951 | 1.4 | .8 | 1.2 | .4 | .5 | 4.3 |
| 1952 | 1.4 | .5 | 1.3 | .3 | .8 | 4.3 |
| 1953 | 1.3 | .7 | 1.4 | .4 | .5 | 4.3 |
| 1954 | 1.1 | .8 | 1.4 | .4 | .6 | 4.3 |
| 1955 | 1.0 | .6 | 1.4 | .4 | .5 | 3.9 |
| 1956 | 1.1 | .4 | 1.6 | .4 | .5 | 4.0 |
| 1957 | 1.0 | .4 | 1.6 | .4 | .6 | 4.0 |
| 1958 | 1.1 | .6 | 1.8 | .4 | .4 | 4.3 |
| 1959 | .9 | .6 | 1.9 | .5 | .5 | 4.4 |
| 1960 | .7 | .4 | 2.0 | .4 | .5 | 4.0 |
| 1961 | .8 | .5 | 2.1 | .4 | .5 | 4.3 |
| 1962 | .9 | .3 | 2.1 | .4 | .6 | 4.3 |
| 1963 | .9 | .4 | 2.0 | .5 | .6 | 4.4 |
| 1964 | .7 | .3 | 2.0 | .5 | .6 | 4.1 |
| 1965 | .9 | .3 | 2.3 | .5 | .4 | 4.4 |
| 1966 | .8 | .4 | 2.3 | .4 | .4 | 4.3 |
| 1967 | .7 | .4 | 2.4 | .5 | .3 | 4.3 |
| 1968 | .7 | .4 | 2.4 | .5 | .3 | 4.3 |
| 1969 | .7 | .4 | 2.4 | .5 | .2 | 4.2 |
| 1970 | .7 | .4 | 2.5 | .5 | .4 | 4.5 |
| 1971 | .7 | .4 | 2.4 | .5 | .3 | 4.3 |
| 1972 1/ | .7 | .4 | 2.9 | .5 | .4 | 4.9 |

1/ Preliminary.

PER CAPITA CONSUMPTION OF CERTAIN FISHERY ITEMS, 1950-72

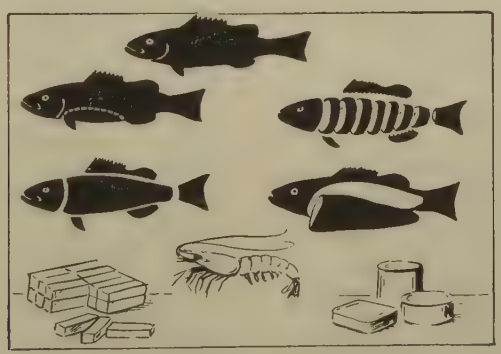
| Year | Fillets and steaks 1/ | Sticks and portions | Shrimp raw, all preparations |
|---|---|---|---|
| | Pounds 2/ | | |
| 1950 | 1.86 | (3) | 0.75 |
| 1951 | 2.23 | (3) | .87 |
| 1952 | 2.14 | (3) | .92 |
| 1953 | 2.02 | (3) | .92 |
| 1954 | 2.22 | (3) | .94 |
| 1955 | 1.84 | (3) | .98 |
| 1956 | 1.82 | (3) | .93 |
| 1957 | 1.91 | (3) | .83 |
| 1958 | 1.82 | 0.48 | .88 |
| 1959 | 1.70 | .55 | 1.04 |

See footnotes at end of table. (Continued on next page)

PER CAPITA CONSUMPTION OF CERTAIN FISHERY ITEMS, 1950-72 - Continued

| Year | Fillets and steaks 1/ | Sticks and portions | Shrimp, raw, all preparations |
|---|---|---|---|
| | | -Pounds 2/- | |
| 1960 | 1.64 | 0.63 | 1.08 |
| 1961 | 1.67 | .71 | 1.01 |
| 1962 | 1.77 | .82 | 1.02 |
| 1963 | 1.60 | .92 | 1.17 |
| 1964 | 1.62 | .98 | 1.16 |
| 1965 | 1.68 | 1.12 | 1.24 |
| 1966 | 1.74 | 1.14 | 1.21 |
| 1967 | 1.69 | 1.21 | 1.29 |
| 1968 | 1.88 | 1.32 | 1.37 |
| 1969 | 2.03 | 1.63 | 1.31 |
| 1970 | 2.19 | 1.73 | 1.44 |
| 1971 | 2.07 | 1.63 | 1.39 |
| 1972 4/ | 2.28 | 1.78 | 1.42 |

1/ Includes groundfish and other species. Does not include blocks,but fillets could be made into blocks from which sticks and portions could be produced.
2/ Product weight of fillets and steaks and sticks and portions, edible weight of shrimp.
3/ Data not available.
4/ Preliminary.



# PER CAPITA CONSUMPTION

ANNUAL PER CAPITA CONSUMPTION OF FISH AND SHELLFISH, BY REGION AND COUNTRY,

LATEST AVAILABLE DATA

| Region and country | Period | Estimated edible weight |
|---|---|---|
| | | Pounds |
| Europe: | | |
| Albania | 1964-66 | 2.4 |
| Austria | 1969-70 | 8.0 |
| Belgium and Luxembourg | 1969-70 | 17.7 |
| Bulgaria | 1964-66 | 4.8 |
| Czechoslovakia | 1964-66 | 7.2 |
| Denmark | 1963-65 | 38.6 |
| Finland | 1970-71 | 26.6 |
| France | 1969-70 | 17.7 |
| Germany, East | 1964-66 | 18.5 |
| Germany, Federal Republic of | 1969-70 | 8.9 |
| Greece | 1967 | 23.3 |
| Hungary | 1970 | 4.8 |
| Iceland | 1964-66 | 86.1 |
| Ireland | 1970 | 10.5 |
| Italy | 1969-70 | 13.7 |
| Malta | 1964-66 | 7.2 |
| Netherlands | 1970-71 | 12.9 |
| Norway | 1969-70 | 39.4 |
| Poland | 1964-66 | 10.5 |
| Portugal | 1970 | 50.7 |
| Romania | 1964-66 | 3.2 |
| Spain | 1969-70 | 29.8 |
| Sweden | 1970-71 | 45.1 |
| Switzerland | 1969-70 | 9.7 |
| United Kingdom | 1970-71 | 19.3 |
| Yugoslavia | 1968 | 1.6 |
| Union of Soviet Socialist Republics | 1964-66 | 22.5 |
| North America: | | |
| Canada | 1966-68 | 12.1 |
| United States | 1972 | 12.2 |
| Latin America: | | |
| Argentina | 1969 | 4.8 |
| Barbados | 1966 | 29.8 |
| Bolivia | 1964-66 | 1.6 |
| Brazil | 1970 | 5.6 |
| Chile | 1970 | 14.5 |
| Colombia | 1970 | 4.0 |
| Costa Rica | 1970 | 4.8 |
| Cuba | 1964-66 | 9.7 |
| Dominican Republic | 1968 | 8.9 |
| Ecuador | 1970 | 4.0 |
| El Salvador | 1970 | 3.2 |
| Guatemala | 1970 | .8 |
| Guyana | 1967 | 23.3 |
| Haiti | 1964-66 | .8 |
| Honduras | 1970 | 1.6 |
| Jamaica | 1964-66 | 27.4 |
| Mexico | 1964-66 | 4.0 |
| Nicaragua | 1970 | 2.4 |
| Panama | 1970 | 22.5 |
| Paraguay | 1970 | .8 |
| Peru | 1968 | 18.5 |
| Puerto Rico | 1964-66 | 8.0 |

(Continued on next page)

ANNUAL PER CAPITA CONSUMPTION OF FISH AND SHELLFISH, BY REGION AND COUNTRY,

LATEST AVAILABLE DATA - Continued

| Region and country | Period | Estimated edible weight |
|---|---|---|
| Latin America - Continued: | | |
| | | Pounds |
| Surinam | 1968 | 16.9 |
| Trinidad and Tobago | 1964-66 | 17.7 |
| Uruguay | 1970 | 4.0 |
| Venezuela | 1970 | 10.5 |
| Near East: | | |
| Cyprus | 1964-66 | 5.6 |
| Egypt | 1968-69 | 3.2 |
| Iran | 1964-66 | .8 |
| Iraq | 1964-66 | 1.6 |
| Israel | 1969-70 | 14.5 |
| Jordan | 1964-66 | 1.6 |
| Lebanon | 1964-66 | 4.8 |
| Libya | 1970 | 6.4 |
| Saudi Arabia | 1964-66 | 3.2 |
| Sudan | 1964-66 | 1.6 |
| Syria | 1964-66 | 1.6 |
| Turkey | 1964-66 | 4.0 |
| Yemen Arab Republic | 1964-66 | .8 |
| Yemen (Aden) | 1964-66 | 24.1 |
| Far East: | | |
| Burma | 1964-66 | 11.3 |
| Ceylon | 1970 | 13.7 |
| China, Peoples Republic of (Mainland) | 1964-66 | 8.0 |
| China, Republic of (Taiwan) | 1969 | 33.0 |
| Hong Kong | 1964-66 | 46.7 |
| India | 1969-70 | 2.4 |
| Indonesia | 1970 | 8.9 |
| Japan | 1970 | 70.8 |
| Khmer Republic (Cambodia) | 1964-66 | 44.3 |
| Korea, North | 1964-66 | 16.1 |
| Korea, Republic of | 1969 | 21.7 |
| Laos | 1964-66 | .8 |
| Malaysia: | | |
| Sahab | 1964-66 | 51.5 |
| Sarawak | 1964-66 | 28.2 |
| West Malaysia | 1964-66 | 23.3 |
| Nepal | 1964-66 | .8 |
| Pakistan | 1969-70 | 4.0 |
| Philippines | 1969 | 43.5 |
| Singapore | 1964-66 | 38.6 |
| Thailand | 1964-66 | 19.3 |
| Vietnam, North | 1964-66 | 12.1 |
| Vietnam, South | 1964-66 | 25.7 |
| Africa: | | |
| Algeria | 1964-66 | 1.6 |
| Angola | 1964-66 | 8.9 |
| Burundi | 1970 | 3.2 |
| Cameroon | 1964-66 | 10.5 |
| Central African Republic | 1964-66 | 8.0 |
| Chad | 1964-66 | 15.3 |
| Congo (Brazzaville) | 1964-66 | 24.9 |

(Continued on next page)

# PER CAPITA CONSUMPTION

ANNUAL PER CAPITA CONSUMPTION OF FISH AND SHELLFISH, BY REGION AND COUNTRY,

LATEST AVAILABLE DATA - Continued

| Region and country | Period | Estimated edible weight |
|---|---|---|
| | | Pounds |
| Africa - Continued: | | |
| Dahomey | 1964-66 | 8.0 |
| Gabon | 1964-66 | 19.3 |
| Gambia | 1964-66 | 20.9 |
| Ghana | 1966-68 | 10.5 |
| Guinea | 1964-66 | 4.0 |
| Ivory Coast | 1964-66 | 12.9 |
| Kenya | 1970 | 3.2 |
| Liberia | 1964-66 | 11.3 |
| Madagascar | 1970 | 8.0 |
| Malawi | 1970 | 4.0 |
| Mali | 1964-66 | 7.2 |
| Mauritania | 1964-66 | 13.7 |
| Mauritius | 1970 | 11.3 |
| Morocco | 1964-66 | 3.2 |
| Mozambique | 1964-66 | 2.4 |
| Niger | 1964-66 | .8 |
| Nigeria | 1969 | 11.3 |
| Rhodesia | 1964-66 | 2.4 |
| Senegal | 1964-66 | 28.2 |
| Sierra Leone | 1964-66 | 14.5 |
| Somalia | 1964-66 | .8 |
| South Africa, Republic of | 1964-66 | 9.7 |
| Tanzania | 1970 | 8.0 |
| Togo | 1964-66 | 5.6 |
| Tunisia | 1964-66 | 4.8 |
| Uganda | 1964-66 | 8.9 |
| Upper Volta | 1964-66 | 1.6 |
| Zaire | 1964-66 | 7.2 |
| Zambia | 1964-66 | 10.5 |
| Oceania: | | |
| Australia | 1969-70 | 12.9 |
| New Zealand | 1970 | 14.5 |

Note:--Data for most countries are tentative.

Source:--Production Yearbook, 1971, Volume 25, Food and Agriculture Organization of the United Nations.

NUMBER OF FULL-TIME AND PART-TIME COMMERCIAL FISHERMEN, BY STATE, 1972 1/

| State | Full-time | Part-time | Total |
|---|---|---|---|
| | Number | | |
| Alabama | 1,950 | 500 | 2,450 |
| Alaska | 14,900 | 3,800 | 18,700 |
| Arkansas | 600 | 2,400 | 3,000 |
| California | 5,610 | 4,590 | 10,200 |
| Connecticut | 250 | 550 | 800 |
| Delaware | 160 | 500 | 660 |
| Florida | 10,050 | 2,300 | 12,350 |
| Georgia | 730 | 840 | 1,570 |
| Hawaii | 1,250 | 290 | 1,540 |
| Idaho | (2) | 430 | 430 |
| Illinois | 100 | 290 | 390 |
| Indiana | 20 | 110 | 130 |
| Iowa | 210 | 540 | 750 |
| Kansas | - | 100 | 100 |
| Kentucky | 100 | 500 | 600 |
| Louisiana | 9,500 | 3,300 | 12,800 |
| Maine | 4,580 | 4,920 | 9,500 |
| Maryland | 6,000 | 9,000 | 15,000 |
| Massachusetts | 3,650 | 4,250 | 7,900 |
| Michigan | 190 | 310 | 500 |
| Minnesota | 180 | 600 | 780 |
| Mississippi | 2,350 | 1,250 | 3,600 |
| Missouri | 60 | 490 | 550 |
| Montana | 20 | (2) | 20 |
| Nebraska | 40 | 180 | 220 |
| New Hampshire | 50 | 400 | 450 |
| New Jersey | 1,760 | 960 | 2,720 |
| New York | 2,230 | 3,130 | 5,360 |
| North Carolina | 2,210 | 1,580 | 3,790 |
| North Dakota | 10 | - | 10 |
| Ohio | 60 | 320 | 380 |
| Oklahoma | 20 | 50 | 70 |
| Oregon | 1,030 | 3,510 | 4,540 |
| Pennsylvania | 10 | 10 | 20 |
| Rhode Island | 790 | 930 | 1,720 |
| South Carolina | 720 | 820 | 1,540 |
| South Dakota | 20 | 50 | 70 |
| Tennessee | 300 | 400 | 700 |
| Texas | 6,650 | 900 | 7,550 |
| Virginia | 4,080 | 970 | 5,050 |
| Washington | 3,020 | 7,200 | 10,220 |
| Wisconsin | 270 | 910 | 1,180 |
| Wyoming | (2) | (2) | (2) |

1/ All data are estimated. Data are not directly comparable with previous year's data. See Glossary for definitions of "full-time" and "part-time" commercial fishermen.

2/ Less than 5.

# EMPLOYMENT, CRAFT, AND PLANTS

## ADDITIONS TO THE U.S. FISHING FLEET, 1971

| Gross tonnage | By tonnage groups | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | New England | Middle Atlantic | Chesa-peake | South Atlantic | Gulf | Pacific Coast | Great Lakes | Hawaii | Puerto Rico | Total |
| | | | | | -Number- | | | | | |
| 5 - 9 | 10 | 2 | 78 | 8 | 26 | 90 | 2 | 1 | - | 217 |
| 10 - 19 | 18 | 11 | 35 | 16 | 78 | 194 | - | 1 | - | 353 |
| 20 - 29 | 4 | 4 | 2 | 9 | 36 | 64 | - | 1 | - | 120 |
| 30 - 39 | 2 | - | 1 | 5 | 17 | 17 | - | - | - | 42 |
| 40 - 49 | 2 | 1 | 1 | 2 | 7 | 16 | - | 1 | - | 30 |
| 50 - 59 | - | 1 | - | 3 | 8 | 12 | - | - | - | 24 |
| 60 - 69 | - | - | - | 2 | 11 | 5 | - | - | - | 18 |
| 70 - 79 | 1 | - | - | 5 | 6 | 4 | - | - | - | 16 |
| 80 - 89 | 1 | - | - | 3 | 24 | 1 | - | - | - | 29 |
| 90 - 99 | 1 | 5 | - | 6 | 40 | 3 | - | - | - | 55 |
| 100 - 109 | 1 | - | - | 1 | 17 | 1 | - | - | - | 20 |
| 110 - 119 | - | - | - | 2 | 16 | - | - | - | - | 18 |
| 120 - 129 | 1 | - | - | - | 13 | - | - | - | - | 14 |
| 130 - 139 | - | - | - | 3 | 8 | - | - | - | - | 11 |
| 140 - 149 | - | - | 1 | - | 1 | 1 | - | - | - | 3 |
| 150 - 159 | - | 1 | - | - | 2 | 1 | 1 | 1 | - | 6 |
| 160 - 169 | - | 1 | 4 | - | 2 | 1 | - | - | - | 8 |
| 180 - 189 | - | - | 1 | - | - | - | - | - | - | 1 |
| 190 - 199 | 2 | 1 | - | - | 1 | 1 | - | - | - | 5 |
| 230 - 239 | - | - | 1 | - | - | - | - | - | - | 1 |
| 240 - 249 | - | - | - | 1 | - | - | - | - | - | 1 |
| 250 - 259 | - | - | - | - | 1 | - | - | - | - | 1 |
| 510 - 519 | - | - | - | - | 1 | - | - | - | - | 1 |
| 530 - 539 | - | - | - | - | 2 | - | - | - | - | 2 |
| 550 - 559 | - | - | - | - | - | 1 | - | - | - | 1 |
| 830 - 839 | - | - | - | - | - | - | - | - | 1 | 1 |
| 890 - 899 | - | - | - | - | - | - | - | - | 1 | 1 |
| 900 - 909 | - | - | - | - | - | 1 | - | - | - | 1 |
| 910 - 919 | - | - | - | - | - | - | - | - | 4 | 4 |
| 930 - 939 | - | - | - | - | - | 1 | - | - | - | 1 |
| 950 - 959 | - | - | - | - | - | - | - | - | 1 | 1 |
| 1110 - 1119 | - | - | - | - | - | 2 | - | - | - | 2 |
| 1120 - 1129 | - | - | - | - | - | 1 | - | - | - | 1 |
| 1230 - 1239 | - | - | - | - | - | - | - | - | 1 | 1 |
| 1240 - 1249 | - | - | - | - | - | - | - | - | 1 | 1 |
| 1270 - 1279 | - | - | - | - | - | - | - | - | 1 | 1 |
| 1300 - 1309 | - | - | - | - | - | - | - | - | 1 | 1 |
| 1320 - 1329 | - | - | - | - | - | - | - | - | 3 | 3 |
| Total: Vessels | 43 | 27 | 124 | 66 | 317 | 417 | 3 | 5 | 14 | 1,016 |
| Gross tonnage | 1,444 | 1,333 | 2,326 | 3,237 | 19,649 | 14,256 | 167 | 234 | 15,379 | 58,025 |

| Length in feet | By length distribution | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | New England | Middle Atlantic | Chesa-peake | South Atlantic | Gulf | Pacific Coast | Great Lakes | Hawaii | Puerto Rico | Total |
| | | | | | -Number- | | | | | |
| 20 - 29 | 5 | 3 | 2 | 7 | 11 | 153 | 1 | - | - | 182 |
| 30 - 39 | 24 | 8 | 91 | 18 | 93 | 169 | 1 | 3 | - | 407 |
| 40 - 49 | 6 | 6 | 21 | 14 | 56 | 60 | - | - | - | 163 |
| 50 - 59 | 1 | 2 | 2 | 5 | 18 | 17 | - | - | - | 45 |
| 60 - 69 | 1 | 5 | 1 | 16 | 97 | 7 | - | 1 | - | 128 |
| 70 - 79 | 4 | - | 4 | 5 | 35 | 5 | 1 | - | - | 54 |
| 80 - 89 | - | 1 | 1 | - | 2 | - | - | 1 | - | 5 |

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ADDITIONS TO THE U.S. FISHING FLEET, 1971 - Continued

| Length in feet | By length distribution | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | New England | Middle Atlantic | Chesa-peake | South Atlantic | Gulf | Pacific Coast | Great Lakes | Hawaii | Puerto Rico | Total |
| | Number | | | | | | | | | |
| 90 - 99 | - | 2 | 1 | - | 1 | - | - | - | - | 4 |
| 100 - 109 | 2 | - | - | - | - | - | - | - | - | 2 |
| 120 - 129 | - | - | 1 | 1 | 1 | - | - | - | - | 3 |
| 140 - 149 | - | - | - | - | - | 1 | - | - | - | 1 |
| 160 - 169 | - | - | - | - | 3 | 3 | - | - | - | 6 |
| 170 - 179 | - | - | - | - | - | - | - | - | 2 | 2 |
| 180 - 189 | - | - | - | - | - | - | - | - | 1 | 1 |
| 190 - 199 | - | - | - | - | - | 2 | - | - | 7 | 9 |
| 210 - 219 | - | - | - | - | - | - | - | - | 4 | 4 |
| Total: Vessels | 43 | 27 | 124 | 66 | 317 | 417 | 3 | 5 | 14 | 1,016 |

| Horse-power | By horsepower distribution | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | New England | Middle Atlantic | Chesa-peake | South Atlantic | Gulf | Pacific Coast | Great Lakes | Hawaii | Puerto Rico | Total |
| | Number | | | | | | | | | |
| Under 100 | - | - | 4 | 6 | 11 | 52 | 1 | 2 | - | 76 |
| 100 - 199 | 19 | 3 | 30 | 16 | 109 | 163 | - | 1 | - | 341 |
| 200 - 299 | 8 | 4 | 34 | 16 | 47 | 119 | - | - | - | 228 |
| 300 - 399 | 11 | 14 | 44 | 22 | 122 | 52 | 1 | 1 | - | 267 |
| 400 - 499 | 3 | 1 | 4 | 1 | 14 | 16 | - | - | - | 39 |
| 500 - 599 | - | 2 | - | 4 | 7 | 4 | 1 | - | - | 18 |
| 600 - 699 | - | 2 | 5 | - | 1 | 4 | - | - | - | 12 |
| 700 - 799 | - | - | 2 | - | 2 | 2 | - | - | - | 6 |
| 800 - 899 | 1 | 1 | - | - | - | - | - | 1 | - | 3 |
| 1000 - 1099 | - | - | 1 | 1 | 1 | - | - | - | - | 3 |
| 1100 - 1199 | 1 | - | - | - | - | - | - | - | - | 1 |
| 1200 - 1299 | - | - | - | - | - | 1 | - | - | - | 1 |
| 1500 - 1599 | - | - | - | - | 3 | - | - | - | - | 3 |
| 2800 - 2899 | - | - | - | - | - | - | - | - | 1 | 1 |
| 3100 - 3199 | - | - | - | - | - | - | - | - | 5 | 5 |
| 3500 - 3599 | - | - | - | - | - | - | - | - | 1 | 1 |
| 3600 - 3699 | - | - | - | - | - | 4 | - | - | 7 | 11 |
| Total: Vessels | 43 | 27 | 124 | 66 | 317 | 417 | 3 | 5 | 14 | 1,016 |

| Year built | By year built | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | New England | Middle Atlantic | Chesa-peake | South Atlantic | Gulf | Pacific Coast | Great Lakes | Hawaii | Puerto Rico | Total |
| | Number | | | | | | | | | |
| 1909. . . . . | - | - | 1 | - | - | - | - | - | - | 1 |
| 1914. . . . . | - | - | - | - | - | 1 | - | - | - | 1 |
| 1916. . . . . | - | - | - | - | - | 1 | - | - | - | 1 |
| 1918. . . . . | - | - | - | - | - | 2 | - | - | - | 2 |
| 1920. . . . . | - | - | - | - | - | 1 | - | - | - | 1 |

(continued on next page)

ADDITIONS TO THE U.S. FISHING FLEET, 1971 - Continued

| Year built | By year built | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | New England | Middle Atlantic | Chesapeake | South Atlantic | Gulf | Pacific Coast | Great Lakes | Hawaii | Puerto Rico | Total |
| | Number | | | | | | | | | |
| 1921. . . . | - | - | - | - | - | 1 | - | - | - | 1 |
| 1923. . . . | - | - | - | - | - | 3 | - | - | - | 3 |
| 1925. . . . | - | - | 1 | 1 | 2 | 7 | - | - | - | 11 |
| 1926. . . . | - | - | 1 | - | - | 3 | - | - | - | 4 |
| 1928. . . . | - | - | 1 | - | 1 | 2 | - | - | - | 4 |
| 1929. . . . | - | - | - | - | - | 1 | - | - | - | 1 |
| 1930. . . . | - | 1 | 1 | - | - | - | - | 1 | - | 3 |
| 1931. . . . | - | - | - | - | - | 2 | - | - | - | 2 |
| 1933. . . . | - | - | 2 | - | - | 1 | - | - | - | 3 |
| 1934. . . . | - | - | - | - | - | 1 | - | - | - | 1 |
| 1935. . . . | - | - | 1 | - | - | 2 | - | - | - | 3 |
| 1936. . . . | - | - | 1 | - | - | 2 | - | - | - | 3 |
| 1937. . . . | - | - | 1 | - | - | 1 | - | - | - | 2 |
| 1938. . . . | - | - | 2 | - | - | 2 | - | - | - | 4 |
| 1939. . . . | - | - | - | - | 1 | 1 | - | - | - | 2 |
| 1940. . . . | - | - | 1 | - | - | 3 | - | - | - | 4 |
| 1941. . . . | - | - | - | - | - | 1 | - | - | - | 1 |
| 1942. . . . | 1 | - | 1 | - | 1 | 1 | - | - | 1 | 5 |
| 1943. . . . | - | - | 2 | 1 | - | 3 | - | - | - | 6 |
| 1944. . . . | - | - | 1 | - | 1 | 9 | - | - | - | 11 |
| 1945. . . . | - | - | 1 | - | 1 | 8 | - | - | - | 10 |
| 1946. . . . | - | 1 | - | 1 | - | 4 | - | - | - | 6 |
| 1947. . . . | - | - | - | - | - | 5 | - | - | - | 5 |
| 1948. . . . | - | 1 | 1 | 2 | 2 | 3 | - | - | - | 9 |
| 1949. . . . | - | - | 4 | - | 2 | 3 | - | - | - | 9 |
| 1950. . . . | - | - | - | - | 1 | 1 | - | - | - | 2 |
| 1951. . . . | - | 1 | - | 1 | 1 | - | - | - | - | 3 |
| 1952. . . . | - | - | 2 | - | - | 2 | - | - | - | 4 |
| 1953. . . . | - | - | 2 | - | 1 | 3 | - | - | - | 6 |
| 1954. . . . | - | - | - | 1 | - | 1 | - | - | - | 2 |
| 1955. . . . | - | - | 1 | 1 | 1 | 1 | - | - | - | 4 |
| 1956. . . . | - | - | - | - | 3 | 3 | - | 1 | - | 7 |
| 1957. . . . | - | - | 2 | - | - | - | - | - | - | 2 |
| 1958. . . . | - | - | 3 | - | 3 | 5 | - | - | - | 11 |
| 1959. . . . | - | - | 2 | - | 1 | 4 | - | - | - | 7 |
| 1960. . . . | - | - | 1 | - | - | - | - | - | - | 1 |
| 1961. . . . | - | - | 4 | - | 1 | 2 | - | - | - | 7 |
| 1962. . . . | - | 1 | 4 | - | 2 | 2 | - | - | - | 9 |
| 1963. . . . | - | - | 7 | - | 1 | 2 | - | - | - | 10 |
| 1964. . . . | - | - | 1 | - | - | 1 | - | - | - | 2 |
| 1965. . . . | - | - | 1 | - | - | 7 | - | - | - | 8 |
| 1966. . . . | - | - | 4 | - | 3 | 4 | - | - | - | 11 |
| 1967. . . . | - | - | 1 | 1 | 1 | 4 | - | - | - | 7 |
| 1968. . . . | 1 | - | 9 | - | 4 | 4 | - | - | - | 18 |
| 1969. . . . | 1 | 1 | 3 | 1 | 3 | 11 | - | - | - | 20 |
| 1970. . . . | 3 | 6 | 16 | 10 | 15 | 40 | - | 1 | - | 91 |
| 1971. . . . | 37 | 15 | 38 | 46 | 265 | 246 | 3 | 2 | 13 | 665 |
| Total: Vessels | 43 | 27 | 124 | 66 | 317 | 417 | 3 | 5 | 14 | 1,016 |

Note:-- The above data represent the number of vessels receiving first documentation or were redocumented in 1971 by the U.S. Coast Guard with their service classed as fishing. It is possible that not all of the above vessels actually engaged in fishing. Twenty-six vessels were redocumented during 1971. Source:-- U.S. Coast Guard.

PROCESSING AND WHOLESALE ESTABLISHMENTS AND EMPLOYMENT, 1971 AND 1970

| Area and State | 1971 | | | | | | | | | 1970 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Processing | | | Wholesale | | | Total | | | Total | | |
| | Plants | Employment average | | Plants | Employment average | | Plants | Employment average | | Plants | Employment average | |
| | | Season | Year | | Season | Year | | Season | Year | | Season | Year |
| | -Number- | | | | | | | | | | | |
| New England: | | | | | | | | | | | | |
| Maine | 100 | 4,624 | 2,946 | 142 | 391 | 283 | 242 | 5,015 | 3,229 | 250 | 5,534 | 3,233 |
| New Hampshire | 10 | 414 | 348 | 3 | 11 | 10 | 13 | 425 | 358 | 13 | 437 | 396 |
| Massachusetts | 110 | 4,643 | 3,965 | 102 | 918 | 812 | 212 | 5,561 | 4,777 | 233 | 5,843 | 4,991 |
| Rhode Island | 15 | 204 | 170 | 17 | 102 | 84 | 32 | 306 | 254 | 32 | 377 | 304 |
| Connecticut | 4 | 25 | 21 | 4 | 16 | 13 | 8 | 41 | 34 | 9 | 45 | 36 |
| Total | 239 | 9,910 | 7,450 | 268 | 1,438 | 1,202 | 507 | 11,348 | 8,652 | 537 | 12,236 | 8,960 |
| Middle Atlantic: | | | | | | | | | | | | |
| New York | 49 | 1,276 | 1,162 | 170 | 1,175 | 1,170 | 219 | 2,451 | 2,332 | 205 | 2,508 | 2,368 |
| New Jersey | 46 | 2,014 | 1,613 | 62 | 308 | 274 | 108 | 2,322 | 1,887 | 102 | 2,077 | 1,756 |
| Pennsylvania | 18 | 1,098 | 964 | 22 | 203 | 203 | 40 | 1,301 | 1,167 | 41 | 1,514 | 1,227 |
| Delaware | 5 | 326 | 237 | 11 | 34 | 32 | 16 | 360 | 269 | 19 | 414 | 355 |
| Total | 118 | 4,714 | 3,976 | 265 | 1,720 | 1,679 | 383 | 6,434 | 5,655 | 367 | 6,513 | 5,706 |
| Chesapeake: | | | | | | | | | | | | |
| Maryland | 98 | 4,322 | 3,304 | 109 | 502 | 431 | 207 | 4,824 | 3,735 | 205 | 4,812 | 3,790 |
| Virginia | 144 | 5,600 | 3,854 | 104 | 346 | 307 | 248 | 5,946 | 4,161 | 260 | 5,834 | 4,021 |
| Total | 242 | 9,922 | 7,158 | 213 | 848 | 738 | 455 | 10,770 | 7,896 | 465 | 10,646 | 7,811 |
| South Atlantic: | | | | | | | | | | | | |
| North Carolina | 75 | 1,903 | 1,111 | 99 | 407 | 289 | 174 | 2,310 | 1,400 | 176 | 2,208 | 1,381 |
| South Carolina | 23 | 711 | 590 | 52 | 308 | 174 | 75 | 1,019 | 764 | 69 | 1,000 | 754 |
| Georgia | 13 | 1,889 | 1,663 | 38 | 278 | 151 | 51 | 2,167 | 1,814 | 53 | 2,336 | 1,780 |
| Florida, East Coast | 42 | 1,335 | 1,183 | 101 | 361 | 335 | 143 | 1,696 | 1,518 | 134 | 1,579 | 1,392 |
| Total | 153 | 5,838 | 4,547 | 290 | 1,354 | 949 | 443 | 7,192 | 5,496 | 432 | 7,123 | 5,307 |
| Gulf: | | | | | | | | | | | | |
| Florida, West Coast | 127 | 4,321 | 3,562 | 172 | 574 | 489 | 299 | 4,895 | 4,051 | 308 | 4,663 | 3,966 |
| Alabama | 48 | 1,590 | 1,018 | 14 | 592 | 229 | 62 | 2,182 | 1,247 | 56 | 1,806 | 1,061 |
| Mississippi | 44 | 1,604 | 1,025 | 18 | 141 | 75 | 62 | 1,745 | 1,100 | 62 | 1,582 | 1,068 |
| Louisiana | 128 | 4,699 | 3,112 | 51 | 607 | 468 | 179 | 5,306 | 3,580 | 235 | 5,255 | 3,668 |
| Texas | 81 | 3,698 | 2,771 | 78 | 1,146 | 707 | 159 | 4,844 | 3,478 | 156 | 5,319 | 3,664 |
| Total | 428 | 15,912 | 11,488 | 333 | 3,060 | 1,968 | 761 | 18,972 | 13,456 | 817 | 18,625 | 13,427 |

(Continued on next page)

PROCESSING AND WHOLESALE ESTABLISHMENTS AND EMPLOYMENT, 1971 AND 1970

| Area and State | 1971 | | | | | | | | | 1970 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Processing | | | Wholesale | | | Total | | | Total | | |
| | Plants | Employment average | | Plants | Employment average | | Plants | Employment average | | Plants | Employment average | |
| | | Season | Year | | Season | Year | | Season | Year | | Season | Year |
| | -Number- | | | | | | | | | | | |
| Pacific: | | | | | | | | | | | | |
| Alaska 1/ | 192 | 8,502 | 3,500 | - | - | - | 192 | 8,502 | 3,500 | 108 | 6,500 | 3,000 |
| Washington | 105 | 2,973 | 1,949 | 23 | 342 | 249 | 128 | 3,315 | 2,198 | 140 | 3,324 | 2,716 |
| Oregon | 46 | 3,098 | 2,217 | 4 | 21 | 12 | 50 | 3,119 | 2,229 | 60 | 3,203 | 2,279 |
| California | 101 | 8,765 | 6,830 | 80 | 816 | 730 | 181 | 9,581 | 7,560 | 202 | 9,222 | 7,611 |
| Total | 444 | 23,338 | 14,496 | 107 | 1,179 | 991 | 551 | 24,517 | 15,487 | 510 | 22,249 | 15,606 |
| Great Lakes: | | | | | | | | | | | | |
| New York | 8 | 98 | 88 | 13 | 95 | 88 | 21 | 193 | 176 | 21 | 173 | 165 |
| Pennsylvania | 3 | 22 | 17 | 3 | 3 | 3 | 6 | 25 | 20 | 6 | 19 | 15 |
| Ohio | 17 | 529 | 471 | 11 | 23 | 19 | 28 | 552 | 490 | 29 | 553 | 520 |
| Illinois | 14 | 580 | 516 | 26 | 309 | 295 | 40 | 889 | 811 | 41 | 790 | 744 |
| Indiana | - | - | - | 3 | 16 | 15 | 3 | 16 | 15 | 3 | 14 | 14 |
| Michigan | 25 | 290 | 233 | 24 | 115 | 109 | 49 | 405 | 342 | 52 | 357 | 296 |
| Minnesota | 3 | 104 | 41 | 4 | 8 | 6 | 7 | 112 | 47 | 8 | 90 | 47 |
| Wisconsin | 27 | 300 | 275 | 10 | 61 | 49 | 37 | 361 | 324 | 39 | 366 | 321 |
| Total | 97 | 1,923 | 1,641 | 94 | 630 | 584 | 191 | 2,553 | 2,225 | 199 | 2,362 | 2,122 |
| Mississippi River: | | | | | | | | | | | | |
| Alabama and Arkansas | 8 | 194 | 153 | 33 | 109 | 109 | 41 | 303 | 262 | 44 | 272 | 181 |
| Illinois | 14 | 36 | 36 | 25 | 58 | 58 | 39 | 94 | 94 | 39 | 119 | 113 |
| Indiana | - | - | - | 12 | 106 | 95 | 12 | 106 | 95 | 12 | 88 | 81 |
| Iowa | 8 | 103 | 85 | 12 | 51 | 45 | 20 | 154 | 130 | 19 | 114 | 94 |
| Kansas, Kentucky, and Nebraska | 4 | 162 | 148 | 23 | 154 | 146 | 27 | 316 | 294 | 29 | 301 | 272 |
| Louisiana | 16 | 177 | 103 | 23 | 94 | 83 | 39 | 271 | 186 | 42 | 307 | 181 |
| Minnesota | 5 | 105 | 89 | 12 | 34 | 31 | 17 | 139 | 120 | 17 | 141 | 97 |
| Mississippi and Texas | 7 | 459 | 326 | 39 | 178 | 170 | 46 | 637 | 496 | 38 | 566 | 508 |
| Missouri | 6 | 217 | 199 | 27 | 98 | 93 | 33 | 315 | 292 | 35 | 484 | 412 |
| North Dakota, South Dakota, and Oklahoma | 3 | 14 | 9 | 18 | 61 | 55 | 21 | 75 | 64 | 23 | 82 | 68 |
| Ohio | - | - | - | 5 | 9 | 9 | 5 | 9 | 9 | 6 | 6 | 6 |
| Tennessee | 3 | 24 | 20 | 37 | 120 | 114 | 40 | 144 | 134 | 36 | 143 | 125 |
| Wisconsin | 9 | 98 | 94 | 14 | 80 | 77 | 23 | 178 | 171 | 25 | 315 | 296 |
| Total | 83 | 1,589 | 1,262 | 280 | 1,152 | 1,085 | 363 | 2,741 | 2,347 | 365 | 2,938 | 2,434 |

See footnote at end of table.

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PROCESSING AND WHOLESALE ESTABISHMENTS AND EMPLOYMENT, 1971 AND 1970

| Area and State | 1971 | | | | | | | | | 1970 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Processing | | | Wholesale | | | Total | | | Total | | |
| | Plants | Employment average | | Plants | Employment average | | Plants | Employment average | | Plants | Employment average | |
| | | Season | Year | | Season | Year | | Season | Year | | Season | Year |
| | Number | | | | | | | | | | | |
| Other: | | | | | | | | | | | | |
| Hawaii and American Samoa | 28 | 1,671 | 1,563 | 18 | 130 | 130 | 46 | 1,801 | 1,693 | 39 | 1,770 | 1,446 |
| Puerto Rico | 4 | 4,443 | 3,117 | - | - | - | 4 | 4,443 | 3,117 | 4 | 2,351 | 1,871 |
| Total | 32 | 6,114 | 4,680 | 18 | 130 | 130 | 50 | 6,244 | 4,810 | 43 | 4,121 | 3,317 |
| Grand Total | 1,836 | 79,260 | 56,698 | 1,868 | 11,511 | 9,326 | 3,704 | 90,771 | 66,024 | 3,735 | 86,813 | 64,690 |

1/ Data partly estimated for employment for the year.

PLANTS PRODUCING CANNED AND INDUSTRIAL FISHERY PRODUCTS, AND FISH FILLETS AND STEAKS, 1972

| Area and State | Canned fishery products | Industrial fishery products | Fish fillets and steaks | Total plants, exclusive of duplication |
|---|---|---|---|---|
| | Number | | | |
| New England: | | | | |
| Maine | 21 | 9 | 9 | 39 |
| Massachusetts | 5 | 3 | 46 | 53 |
| Rhode Island | - | - | 1 | 1 |
| Connecticut | 1 | - | 1 | 2 |
| Total | 27 | 12 | 57 | 95 |
| Middle Atlantic: | | | | |
| New York | 9 | - | 21 | 29 |
| New Jersey | 12 | 4 | 3 | 19 |
| Pennsylvania | 4 | 1 | - | 5 |
| Delaware | 1 | - | - | 1 |
| Total | 26 | 5 | 24 | 54 |
| Chesapeake: | | | | |
| Maryland | 5 | 4 | - | 9 |
| Virginia | 4 | 8 | 6 | 17 |
| Total | 9 | 12 | 6 | 26 |
| South Atlantic and Gulf: | | | | |
| North Carolina | 4 | 12 | 3 | 16 |
| South Carolina | 2 | - | 3 | 5 |
| Georgia | - | 1 | 1 | 2 |
| Florida | 3 | 3 | 18 | 24 |
| Alabama | - | 1 | 3 | 4 |
| Mississippi | 10 | 6 | - | 16 |
| Louisiana | 19 | 28 | 1 | 46 |
| Texas | - | 1 | 2 | 3 |
| Total | 38 | 52 | 31 | 116 |
| Great Lakes and Mississippi River: | | | | |
| Illinois | 1 | - | 17 | 18 |
| Iowa | - | 2 | 2 | 3 |
| Kansas | 1 | - | - | 1 |
| Michigan | 1 | 1 | 15 | 17 |
| Minnesota | - | - | 6 | 6 |
| Nebraska | 1 | - | - | 1 |
| New York | - | - | 3 | 3 |
| Ohio | - | - | 8 | 8 |
| Pennsylvania | - | - | 3 | 3 |
| Wisconsin | 2 | 1 | 22 | 25 |
| Total | 6 | 4 | 76 | 85 |
| Pacific: | | | | |
| Alaska | 57 | - | - | 57 |
| Washington | 32 | 9 | 14 | 55 |
| Oregon | 14 | 6 | 9 | 28 |
| California | 16 | 16 | 23 | 46 |
| Total | 119 | 31 | 46 | 186 |
| Hawaii | 1 | - | - | 1 |
| American Samoa | 2 | 2 | - | 2 |
| Puerto Rico | 5 | 4 | - | 5 |
| Grand total | 233 | 122 | 240 | 570 |

EMPLOYMENT, FISHING CRAFT, AND ESTABLISHMENTS, VARIOUS YEARS, 1930-70

| Item | 1930 | 1940 | 1950 | 1960 | 1970 |
|---|---|---|---|---|---|
| | Number | | | | |
| Persons employed: | | | | | |
| Fishermen | 119,716 | 124,795 | 161,463 | 130,431 | 140,300 |
| Processing and wholesaling 1/ | 78,996 | 90,215 | 102,015 | 93,625 | 86,813 |
| Total | 198,712 | 215,010 | 263,478 | 224,056 | 227,113 |
| Craft utilized: | | | | | |
| Vessels 2/ | 4,374 | 5,562 | 11,496 | 12,018 | 13,300 |
| Motor boats | 35,437 | 31,055 | 46,067 | 56,889 | 73,100 |
| Other boats | 37,961 | 35,193 | 34,747 | 8,150 | 2,000 |
| Total | 77,772 | 71,810 | 92,310 | 77,057 | 88,400 |
| Vessels documented for fishing: | | | | | |
| First documentation | (3) | 320 | 812 | 408 | 792 |
| Redocumentation | (3) | (3) | 29 | 24 | 30 |
| Total | (3) | (3) | 841 | 432 | 822 |
| Fishery shore establishments: | | | | | |
| Pacific Coast States | 569 | 579 | 700 | 515 | 510 |
| Atlantic Coast and Gulf States | 2,024 | 2,038 | 2,699 | 2,898 | 2,618 |
| Great Lakes and Mississippi River States | 402 | 438 | 484 | 772 | 564 |
| Other areas | (3) | (3) | (3) | 4/ 22 | 5/ 43 |
| Total | 2,995 | 3,055 | 3,883 | 4,207 | 3,735 |

1/ Average for season.
2/ Craft 5 net tons and over as documented by U.S. Coast Guard.
3/ Not available.
4/ Hawaii only.
5/ Hawaii, American Samoa, and Puerto Rico.

## FISHERY PRODUCTS INSPECTION

PRODUCTS INSPECTED IN CALENDAR YEAR 1972

| Region | Federal (continuous) inspection | | Lot inspection | Total | |
|---|---|---|---|---|---|
| | Plants | Products | Products | Products inspected | Production in plants under inspection |
| | Number | Thousand pounds | | | |
| Northeast | 20 | 220,542 | 8,040 | 228,582 | 367,158 |
| Southeast | 12 | 40,260 | 20,882 | 61,142 | 102,570 |
| Southwest | 7 | 14,679 | 17,264 | 31,943 | 24,428 |
| Northwest | 3 | 7,481 | 4,586 | 12,067 | 7,481 |
| Total | 42 | 282,962 | 50,772 | 333,734 | 501,637 |

Source:--National Marine Fisheries Service, Fishery Products Research and Inspection Division.

FISHERY COOPERATIVES IN THE UNITED STATES, VIRGIN ISLANDS, AND PUERTO RICO, 1972

| Region and State | Members | Craft | Functions performed by cooperatives | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | Marketing and purchasing | Marketing exclusively | Collective bargaining exclusively | Purchasing exclusively | Marketing, purchasing, bargaining | Other 1/ | Total |
| | | | | | Number | | | | |
| New England: | | | | | | | | | |
| Maine | 485 | 243 | 4 | 1 | - | 2 | - | 1 | 8 |
| Massachusetts | 927 | 798 | 6 | - | - | - | - | - | 6 |
| Rhode Island | 118 | 50 | 1 | - | - | - | - | - | 1 |
| Connecticut | - | - | - | - | - | - | - | 1 | 1 |
| Total | 1,530 | 1,091 | 11 | 1 | - | 2 | - | 2 | 16 |
| Middle Atlantic: | | | | | | | | | |
| New York | 95 | 95 | - | 1 | - | - | - | 1 | 2 |
| New Jersey | 115 | 61 | 1 | 1 | - | - | 1 | - | 3 |
| Total | 210 | 156 | 1 | 2 | - | - | 1 | 1 | 5 |
| Chesapeake, Virginia | - | - | - | - | - | - | - | 1 | 1 |
| South Atlantic and Gulf: | | | | | | | | | |
| South Carolina | 10 | 25 | 1 | - | - | - | - | 1 | 2 |
| Georgia | 200 | 100 | 1 | - | - | - | - | 1 | 2 |
| Florida | 166 | 205 | 1 | 4 | - | - | - | 1 | 6 |
| Mississippi | 375 | 1 | - | 1 | - | - | - | - | 1 |
| Louisiana | 109 | 155 | 2 | 1 | 1 | - | - | 5 | 9 |
| Texas | 98 | 132 | - | 2 | - | - | - | 1 | 3 |
| Total | 958 | 618 | 5 | 8 | 1 | - | - | 9 | 23 |
| Great Lakes and inland areas: | | | | | | | | | |
| Arkansas | 34 | - | - | 1 | - | - | - | - | 1 |
| Minnesota | 247 | 170 | 1 | 1 | - | - | - | - | 2 |
| Ohio | 5 | 5 | - | 1 | - | - | - | - | 1 |
| Tennessee | 75 | - | 1 | - | - | - | - | - | 1 |
| Total | 361 | 175 | 2 | 3 | - | - | - | - | 5 |
| Pacific Coast: | | | | | | | | | |
| Alaska | 2,622 | 1,689 | 6 | 7 | 5 | 1 | 7 | 8 | 34 |
| Washington | 2,300 | 2,168 | - | 7 | - | - | 1 | 1 | 9 |
| Oregon | 16 | 16 | - | 1 | - | - | - | - | 1 |
| California | 2,199 | 757 | - | 4 | 4 | - | 3 | - | 11 |
| Total | 7,137 | 4,630 | 6 | 19 | 9 | 1 | 11 | 9 | 55 |
| Hawaii | 7 | 7 | 1 | - | - | - | - | 1 | 2 |
| Puerto Rico | 54 | 5 | - | 3 | - | - | - | - | 3 |
| Virgin Islands | - | - | - | - | - | - | - | 1 | 1 |
| Grand total | 10,257 | 6,682 | 26 | 36 | 10 | 3 | 12 | 24 | 111 |

1/ No information is available on the functions performed by these cooperatives. The number of members and craft are not available.

Source:--National Marine Fisheries Service, Market Research and Services Division.

U.S. MARINE SPORT FISHERIES: NUMBER OF MARINE ANGLERS, EXPENDITURES, AND TOTAL CATCH BY AREA, 1955, 1960, 1965, and 1970

| Year | Anglers | | | |
|---|---|---|---|---|
| | Atlantic | Gulf | Pacific | Total |
| | Thousand | | | |
| 1955 | 2,343 | 1,077 | 1,137 | 4,557 |
| 1960 | 3,383 | 1,437 | 1,472 | 6,292 |
| 1965 | 4,178 | 2,084 | 2,043 | 8,305 |
| 1970 | 5,010 | 2,272 | 2,178 | 9,460 |

| Year | Expenditures | | | |
|---|---|---|---|---|
| | Atlantic | Gulf | Pacific | Total |
| | Thousand dollars | | | |
| 1955 | 213,653 | 98,209 | 177,077 | 488,939 |
| 1960 | 346,373 | 144,857 | 134,961 | 626,191 |
| 1965 | 331,179 | 176,104 | 292,373 | 799,656 |
| 1970 | 636,380 | 404,646 | 183,679 | 1,224,705 |

| Year | Total catch 1/ | | | |
|---|---|---|---|---|
| | Atlantic | Gulf | Pacific | Total |
| | Thousand pounds | | | |
| 1955 | (2) | (2) | (2) | (2) |
| 1960 | 731,852 | 411,110 | 237,339 | 1,380,301 |
| 1965 | 836,481 | 375,575 | 262,297 | 1,474,353 |
| 1970 | 917,631 | 485,728 | 173,464 | 1,576,823 |

1/ Does not include Hawaii.

2/ No survey in 1955.

Sources:-- National Survey of Fishing and Hunting for 1955, 1960, 1965, and 1970, U.S. Department of the Interior.
Salt-Water Angling Survey for 1960 and 1965, U.S. Department of the Interior, Fish and Wildlife Service.
Salt-Water Angling Survey for 1970, U.S. Department of Commerce, National Marine Fisheries Service.

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Fishery Market News Reports

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( ) GC-4 Louisiana Landings
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( ) GCS Gulf Coast Shrimp Data

# GLOSSARY

For the data in this publication to be used effectively, the reader must have a clear understanding of the terms associated with the data. Following are definitions of those terms we feel could have different interpretations by our readers.

Boat, motor: A motor-driven commercial fishing craft having a capacity of less than 5 net tons.

Boat, other: Commercial fishing craft not powered by a motor, e.g., row or sailboat, having a capacity of less than 5 net tons.

Breaded shrimp: Peeled shrimp coated with breading. The product may be identified as fantail (butterfly) and round, with or without tail fins and last shell segment; and as portions, sticks, steaks, etc., when prepared from a composite unit of two or more shrimp pieces, whole shrimp, or a combination of both without fins or shells.

Breading: A finely ground mixture containing cereal products, flavorings, and other ingredients, that is applied to a product that has been moistened, usually with batter.

Butterfly fillets: The two skin-on sides of the fish corresponding to two single fillets held together by the uncut flesh and skin of the belly.

Canned fishery products: Fish, shellfish, or other aquatic animals packed singly or in combination with other items in hermetically sealed, heat sterilized cans, jars, or other suitable containers. Most, but not all, canned fishery products can be stored at room temperature for an indefinite period of time without spoiling.

Catch, marine sport fish: Quantities of fish caught, but not necessarily brought ashore, by recreational marine anglers.

Commercial fisherman: An individual who derives income from catching and selling living resources taken from fresh- or salt-water bodies.

Consumption (of edible fishery products): Estimated amount of commercially landed fish, shellfish, and other aquatic animals consumed by the civilian population of the United States. Estimates are on an edible weight basis and have been adjusted for beginning and ending inventories of edible fishery products; U.S. production of fishery products from both domestically-caught and imported fish, shellfish and other edible aquatic plants and animals; imports; exports; purchases by the U.S. armed forces; and shipments to U.S. territories.

Cured fishery products: Products preserved by drying, pickling, salting, and smoking. Does not include canned, frozen, irradiated or pasteurized products. Dried products are cured by sun or air-drying; pickled or salted products are those products preserved by applying salt, or by pickling (immersing in brine); smoked products are cured with smoke or a combination of smoking and drying or salting.

Exvessel price: Price received by a fisherman for fish, shellfish and other aquatic plants and animals landed at the dock.

Fish block: Boneless or virtually boneless fish flesh frozen into blocks weighing over 10 pounds and suitable for the production of fish sticks and portions.

Fish fillets: The sides of fish that are either skinned or have the skin on, cut lengthwise from the backbone. Most types of fillets are boneless or virtually boneless; some may be specified as "boneless fillets."

Fishing craft, commercial: Boats and vessels engaged in capturing fish, shellfish, and other aquatic plants and animals for sale.

Fish meal: A ground, dried product made from fish or shellfish or parts thereof, generally produced by cooking raw fish or shellfish with steam and pressing the material to obtain the solids which are then dried.

Fish oil: An oil processed from the body (body oil) or liver (liver oil) of fish. Most fish oils are a byproduct of the production of fish meal.

Fish portion: A piece of fish flesh generally of uniform size with thickness of 3/8 of an inch or more and which does not conform to the definition of a fish stick. A fish portion is generally cut from a fish block.

Fish solubles: A product extracted from the residual press liquor (called "stick water") after the solids are removed for drying (fish meal) and the oil extracted by centrifuging. This residue is generally condensed to 50 percent solids and marketed as "condensed fish solubles."

Fish steak: Cross-section slices cut from large dressed fish. Steaks are usually about 3/4 of an inch thick.

Fish stick: An elongated piece of breaded fish flesh weighing not less than 3/4 of an ounce and not more than 1-1/2 ounces with the largest dimension at least three times that of the next largest dimension. A fish stick is generally cut from a block of fillets.

Full-time commercial fisherman: An individual who spends 50 percent or more of his working year in commercial fishing activities, including port activity such as vessel repair, re-rigging, etc.

Groundfish: Broadly, fish that are caught on or near the sea floor. The term includes a wide variety of bottom fishes, rock fishes and flat fishes. However, the National Marine Fisheries Service generally uses the term in a narrower sense. In this "Fisheries of the United States," the term applies to the following species: cod, cusk, haddock, hake, pollock and Atlantic ocean perch.

Industrial fishery products: Products manufactured from fish, shellfish or other aquatic plants and animals which are not consumed directly by humans, such as fish meal, fish oils, condensed fish solubles, pearl essence, shark and other aquatic animal skins, certain products from sea weeds, and shells.

Landings, commercial: Quantities of fish, shellfish and other aquatic plants and animals brought ashore and sold. Landings of fish may be in terms of round (live) weight or dressed weight. Landings of crustaceans are generally on a live weight basis except for shrimp which may be on a heads-on or heads-off basis. Mollusks are generally landed with the shell on but in some cases only the meats are landed (such as scallops). Data for all mollusks are published on a meat weight basis.

Packaged fish: A term used to designate U.S. production of fresh or frozen, raw fish fillets and steaks prior to 1972 publications.

Part-time commercial fisherman: An individual who spends less than 50 percent of his working year in commercial fishing activities.

Per capita consumption: Consumption of edible fishery products in the United States, divided by the total civilian population. In calculating annual per capita consumption, estimates of the civilian resident population of the United States on July 1 of each year are used. These estimates are taken from Current Population Reports Series P-25, published by the U.S. Bureau of the Census.

# GLOSSARY

Per capita utilization: The utilization of all fishery products both edible and non-edible in the United States, divided by the total population of the United States.

Processed fishery products: Fish, shellfish and other aquatic plants and animals, and products thereof, preserved by canning, freezing, cooking, dehydrating, drying, fermenting, pasteurizing, adding salt or other chemical substances, and other commercial processes. Also, changing the form of fish, shellfish or other aquatic plants and animals from their original state into a form in which they are not readily identifiable, such as fillets, steaks, or shrimp logs.

Retail (fish) price: The price of fish, shellfish and other aquatic plants or animals, and products thereof, sold to the final consumer. Prices charged by food and speciality stores.

Round (live) weight: The weight of fish, shellfish or other aquatic plants and animals as taken from the water; the complete or full weight as caught. The tables on world catch found in this publication include, in the case of mollusks, the weight of both the shells and the meats, whereas the tables on U.S. landings include only the weight of the meats.

Utilization of fishery products: Estimated disappearance of the total supply of fishery products both edible and inedible on a round weight basis without taking into consideration beginning or ending stocks, exports, military purchases or shipments to U.S. territories.

Vessel: A commercial fishing craft having a capacity of 5 net tons or more. These craft are either enrolled or documented by the U.S. Coast Guard and have an official number assigned by that agency.

Wholesale (fish) price: Price of fish, shellfish and other aquatic plants and animals, and products thereof, charged by manufacturers and other producers for sale generally in large quantities.

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